INSTRUCTIONAL PRODUCTS CATALOG

2019 – 2020

AMERICAN PRINTING HOUSE

We're Proud to Introduce This Year's New and Revised Products!

Adapted Science Materials Kit 66
Antique Ivory Opaque Paper R 118
BrailleBuzz 85
Braille Datebook R 155
Braille Trail Reader LE 5
Building on Patterns (BOP) Prekindergarten 106
Braillable Labels and Sheets R 87
Code Jumper 7
Crossings With No Traffic Control 136
Crossword 162
CVI Book Builder 122
Decision Making Guide 123
Early Braille Trade Books: Rigby, Non-Fiction R 89
Earth Science Tactile Graphics 68
Every Child Can, VIPS Video 41
EZ Track Calendar R 158
Flip-Over FACES App 200
Four Little Corners 23
Four Line 8-dot Slate 92
Functional Skills Assessment 153
Illinois Braille Series, UEB R 167
InSights Art Calendar 2020 R 171
Jupiter Portable Magnifier 144
Laptime and Lullabies 20
Lighting Guide Kit R 131
Math Flash (Alexa Skill) 143
Mini-Lite Box Overlays 128
O&M Trivia (Alexa Skill and Google Action) 139
Paint By Number Safari: Under the Sea 76
PermaBraille R 116
Place Value Setter 48
See Like Me: Low Vision Simulators 123
Six Little Dots Game of Cards 23
Sunu Band 152
Tactile Book Builder Kit 86
UEB Math Tutorial 51
White Braille Paper 8 1/2 X 11 Unpunched R 115
Woodcock-Johnson (WJ IV) Braille Adaptation 18

APH ConnectCenter

Reliable, free information for all ages on virtually every aspect of vision loss!

APH ConnectCenter Resources

- **APH Information & Referral 800 Number** provides free information on virtually any topic related to visual impairment and blindness. Call toll-free **1-800-232-5463** (U.S. and Canada) or email **info@aph.org**
- **Directory of Services** lets anyone find services in his or her local area with a simple search. Lists over 2,000 agencies in the U.S. and Canada.
- **FamilyConnect.org** gives parents of children who are visually impaired a place to find resources and support.
- **APHCareerConnect.org** provides career exploration tools and job-seeking guidance for individuals with vision loss and professionals who work with them.
- **VisionAware.org** helps adults who are losing their sight continue to live full, independent lives by providing daily living techniques and a supportive online community.

Preserving Vital Content, Building for the Future

APH is honored to be preserving these vital resources and building them for the future.

Users will notice lower activity on the websites until the fall of 2019 while APH completes needed technical changes. Most current content on the sites will continue to be available and APH will continue the dialog with users through email, Facebook, and Twitter.

Mission Statement

The American Printing House for the Blind promotes independence of people who are blind and visually impaired by providing specialized materials, products, and services needed for education and life.

Corporate Status

The American Printing House for the Blind, Inc. is a 501(c)(3) non-profit organization. Gifts, therefore, are tax deductible.

President's Message

I'm pleased to present our 2019-20 Instructional Product Catalog. The catalog is an APH tradition, providing information about our products in an easy-to-use print format and organized by category.

While the catalog may be the usual way you learn about our products, I encourage you use it in conjunction with our new, fully accessible website. Our new site provides a premier shopping experience for our customers, including detailed product information, in an easy-to-access storefront. On each product page, you will find a variety of photos, detailed descriptions (including product features, what is included, and spec information), a list of replacement parts, and a link to download manuals (where applicable).

We would like to extend a sincere thank you to everyone who provided feedback on the new site design and content - from our EOTs, to teachers who participated in focus groups at conferences, to our staff who took this feedback and used it to create a new and improved experience for our customers. We hope you will take the time to explore our new website and online shop.

Welcome everyone,

Craig Meador

Table of Contents

Assessment 12

Early Childhood 19

Core Curriculum

English Language Arts 43
Mathematics 47
Science and Health 65
Social Studies: History, Geography, and Economics 72
Fine Arts 75
Business and Vocational Education 78
Physical Education 79

Expanded Core Curriculum

Communication Modes and Literacy Education 83
Visual Efficiency and Low Vision 121
Orientation and Mobility 135
Assistive Technology and Electronics 142
Career Education and Transition 148
Self-Determination 150
Daily Living and Social Interaction 151
Recreation and Leisure 160

Videos 165

Resources for Professionals 166

Gifts 171

Other Services from APH 172

How to Order, Returns Policy, Warranty and Repair Policy 177

Index 186

Prices Effective June 1, 2019

Note: The products offered by the American Printing House for the Blind are instructional/teaching materials and are intended to be used by trained professionals, parents, and other adults with students who are blind and visually impaired.

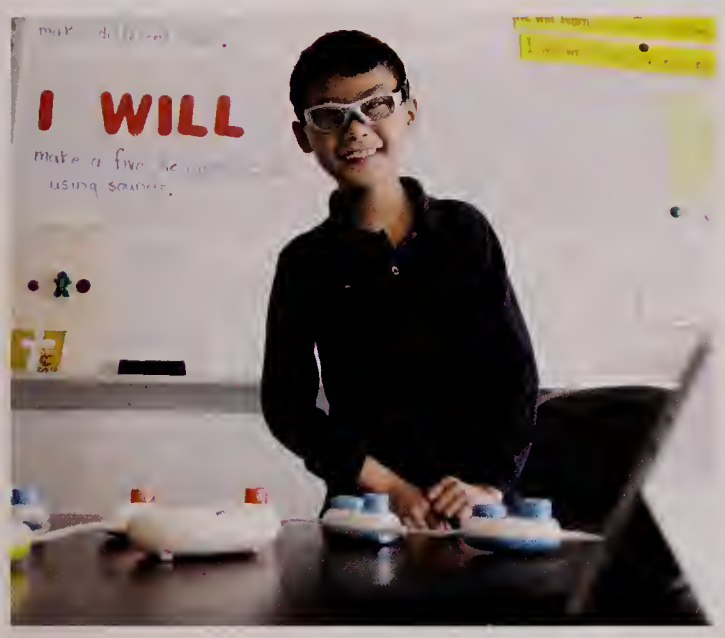
Warning: These materials are not intended as toys for use by children in unstructured play or in an unsupervised environment.

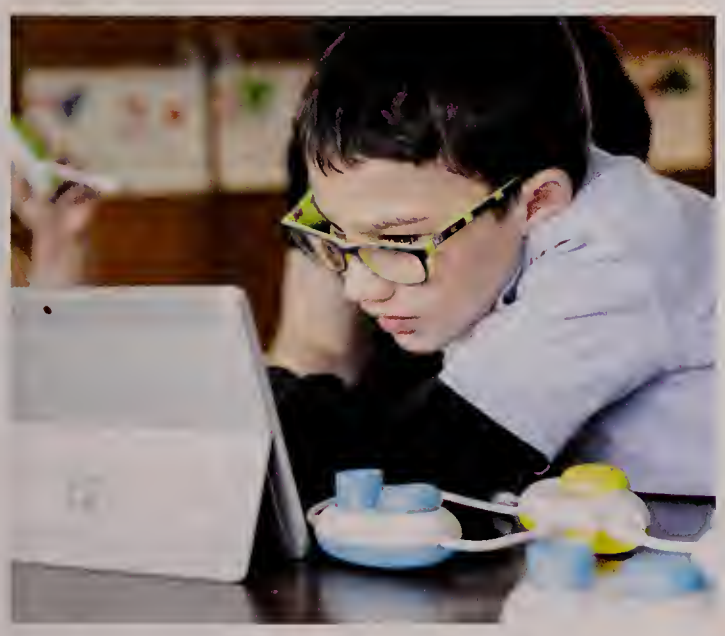
APHPress

American Printing House for the Blind

Our beginning as a printing house is just one chapter of our story.

APH is pleased to be the distributor of AFB Press and APH Press textbooks. To order, please visit the shopping page at **aph.org**, or contact Sarah Bush, APH Customer Service, at 502-899-2306 or **sbush@aph.org**.





code jumper™

Code Jumper™ is the newest innovation to assist children, regardless of their level of vision, in learning computer coding and programming skills. Brightly colored plastic pods with oversized buttons and knobs are connected by "jumper cables" (thick cords) to physically create computer code that can tell stories, make music, and even crack jokes.

Developed by Microsoft® and distributed by APH, this educational toy bridges the skills gap and opens up the world of coding to every student.

Features of Code Jumper include

- Makes coding immediately accessible for kids who are blind or visually impaired, and who also have no prior computing experience.
- An intuitive system designed to be inclusive, enabling all students to work together and build confidence through socialization, cooperation, critical thinking, and hands-on learning.
- Teaches underlying skills that can empower the next generation to pursue meaningful careers in computer science.
- Any teacher can facilitate Code Jumper lesson plans without prior computer science experience! A full library of curricula for coding, including teacher guidance and student activities, is also included.

Code Jumper will be available in 2019 and is quota fund eligible.

For more information, visit **www.CodeJumper.com**.

What is the Core and Expanded Core Curriculum?

Core Curriculum

Educators define core curriculum as the knowledge and skills a student should learn by high school graduation. This foundation, for almost all learning, is generally related to academic subjects.

Expanded Core Curriculum

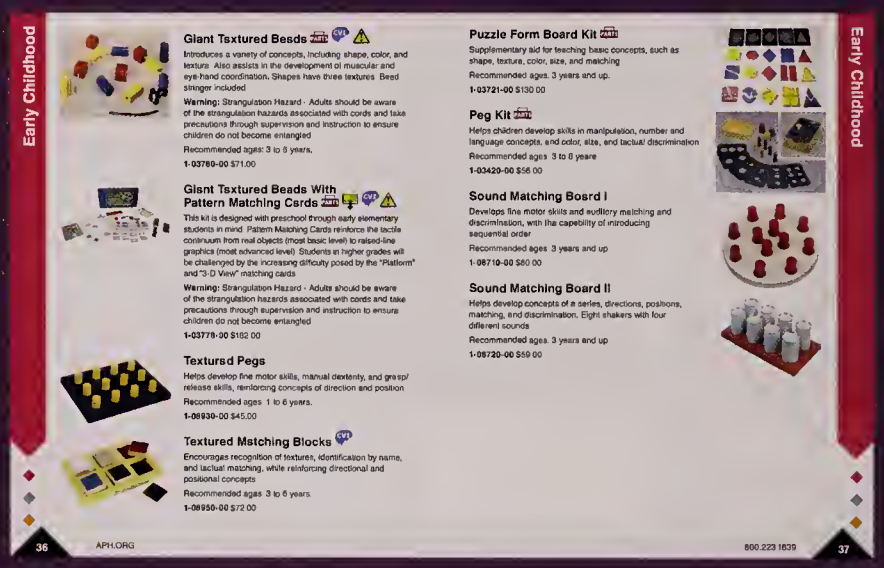
The American Printing House for the Blind, and most professionals in the field, firmly believe that students who have a visual impairment need an expanded core curriculum that encompasses additional areas of learning. Experiences and concepts casually and incidentally learned by sighted students must be systematically and sequentially taught to students with a visual impairment.

Dr. Philip Hatlen (1934–2016) authored the introductory copy at the beginning of each of the Expanded Core Curriculum sections in this catalog. Dr. Hatlen's numerous accomplishments included the original development of the Expanded Core Curriculum. Dr. Hatlen had many connections at APH, including acting as Ex Officio Trustee and our Executive in Residence. Read more about the extraordinary Dr. Hatlen at the Hall of Fame on our website, **aph.org,** please search for Hall of Fame inductees Hatlen.

2019-20 APH Catalog

Thank you to everyone who provided feedback on our 2018-19 catalog. We heard you, and in this year's catalog you will see we have included more photos of our products. We will also continue to offer a fully accessible version of the catalog on our website.

Do you have other suggestions for improving our catalog? If so, please let us know by emailing **catalogs@aph.org**.



Catalog Production Credits

Design: Laura Greenwell, Anthony Jones, Stephanie Lancaster

Editors: MaryGen Boley, Leslie Farr Knox

Project Assistants: MaryGen Boley, Anthony Jones, Leslie Farr Knox

Committee: MaryGen Boley, Anne Durham, Doug Eder, Laura Greenwell, Kate Herndon, Anthony Jones, Leslie Farr Knox, Stephanie Lancaster, Jim Kreiner, Heather MacKenzie, Craig Meador, Chris Prentice, Cathy Senft-Graves, Larry Skutchan

Website Offers a Wealth of CVI Information

APH offers free information about Cerebral/Cortical Visual Impairment, or CVI, to consumers via the web. Sections include a definition of CVI, intervention strategies, advocacy and resources, and much more.

The website is an evolving resource of current knowledge on this leading cause of visual impairment. It provides information from medical, educational, and parental perspectives, as well as allowing an open door to communicate on the topic.

To explore the CVI website, go to **aph.org** and search for CVI.

Suggested APH Products for Children With CVI

Following are products that may be appropriate for use with children who have Cerebral/Cortical Visual Impairment. Comprehensive assessment should determine which products are best matched to your learner's needs.

All-In-One Boards: 1-08833-00, 1-08836-00 91

Bright Shapes Knob Puzzles 1-03722-00 21

CVI Complexity Sequencing Kit and eBook D-03610-ED 133

CVI Book Builder 1-08825-00 122

Increasing Complexity Pegboard: 1-08160-00 124

Invisiboard: 1-08541-00 127

Joy Player 1-07089-00 34

Light Box 129

Light Box Materials Kit, Level I: 1-08670-00 130

Light Box Materials Kit, Level II, full kit: 1-08680-00 130

- Pegs/Pegboard: 1-08665-00 131
- Familiar Object Picture Cards: 1-08666-00 132

Mini-Lite Box: 1-08661-00 129

Mini-Lite Box Overlays 1-08659-00 128

Picture Maker: Wheatley Tactile Diagramming Kit: 1-08838-00 141

Sensory Learning Kit (SLK): 1-08611-00 34

Spangle Tangle 1-08755-00 39

Spinner Overlays for the Light Box: 1-08692-00 128

Swirly Mats: CVI: 1-08153-00 132

Swirly Mats II: CVI: 1-08158-00 133

TADPOLE Kit (selected items): 1-08155-00 14

ToAD Kit (selected items): 1-08152-00 14

VIPS@Home Parent Empowerment Program: 8-00075-00, 8-00076-00, 8-00078-00 33

Service for 160 Years

Since 1858, APH has been creating unique products for people who are visually impaired, blind, and deafblind. APH products are designed for infants, preschoolers, students, and adults, both in education and in daily living.

Recommended Ages for Products

Recommended ages for products are expressed as functional age rather than chronological age.

Prices and Types of Funds Accepted

All items in this catalog can be purchased with regular funds (i.e. checks, credit cards, or purchase orders). Most items can also be purchased with Federal Quota funds through an Ex Officio Trustee. Refer to the inside back cover for an overview of Federal Quota. Prices in this catalog are effective June 1, 2019. Prices are subject to change without notice.

Ordering on the Web

You can browse and search for APH products, then order using Federal Quota funds, a purchase order, or a credit card.

Questions?

APH provides a toll-free number for:

- Placing credit card orders
- Questions about existing orders or status of products under repair
- Questions about products and services
- Technical Support

Call Monday through Friday from 8:00 a.m. to 4:30 p.m. Eastern Time: 1-800-223-1839 (U.S. and Canada) or email **info@aph.org**

Important Icon Legend

CVI Icon

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).

Replacement and Optional Parts Available Icon

Products with available replacement parts are marked with this icon. Refer to the Replacement Parts Catalog on our website.

Downloadable Manuals

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit **aph.org** to download a manual.

N New Product

R Revised Product

APH Products for Sensory Impairments and Additional Disabilities

Children and adults with both visual impairments and multiple disabilities are diverse in their strengths and interests. APH has long embraced inclusive strategies in product development, resulting in many products appropriate for individuals who have visual and/or aural impairments, and other disabilities.

APH Intervention Continuum – Three Sequential Kits
APH recommends that learners use the following three products sequentially:

Sensory Learning Kit (SLK) — page 34
This Kit is an extensive set of sensory items, assessments, and written materials that help the most significantly challenged learners increase their curiosity and attention while developing specific skills.

SAM: Symbols and Meaning — page 95
A kit for learners with visual and multiple impairments, and pre-school children with visual impairments who are beginning to use symbols.

Tactile Connections: Symbols for Communication — page 95
This kit helps learning partners create a tactile card communication system for learners who lack a formal means of communication. The versatility of the kit allows for symbolic skill expansion from concrete to more abstract, and from single-word to multi-word communications.

Child-guided Strategies: The Van Dijk Approach to Assessment — page 16
An easy-to-use guidebook with an accompanying DVD or flash drive that follows the assessment of a baby, a young child, and a teenager.

Expandable Calendar Boxes — page 96
A single "now" or "anticipation" box lets a learner know what is about to happen in his world. Two boxes together provide the concept of "now and next." Three boxes create a calendar.

Joy Player — page 34
APH designed its personal music player to accommodate individuals of any age who have multiple challenges. This digital music player plays WAV and MP3 files.

Reach & Match Learning Kit and Inclusive Learning Program — page 21
This inclusive-designed product encourages self-teaching and group interaction. Active learning teaches colors, shapes, textures, orientation, and print letters and braille. Children learn concepts of near/far and front/back.

Spangle Tangle — page 39
The reflective twisty Spangle Tangle helps students learn motor, problem-solving, cognitive, self-care, social, and pre-braille skills. This fun kit includes self-sticking stands for use on tabletop or wheelchair tray.

Assessment Section Index

Accessible Multiple Choice Answer Sheets: Braille, Large Print, Pop-A-Dot 17

Boehm-3 Kits 13

Brigance Diagnostic Comprehensive

- Inventory of Basic Skills 15
- Inventory of Early Development 16

Child-guided Strategies: The Van Dijk Approach to Assessment 16

Functional Vision and Learning Media Assessment 15

NewT Kit 14

TADPOLE Kit 14

Teacher's Pet Software 16

ToAD Kit 14

Woodcock-Johnson (WJ IV) N 18

Assessment Related Products

All-In-One Boards 91

CVI Complexity Sequences 133

Functional Skills Assessment 153

Increasing Complexity Pegboard 124

Invisiboard 127

Light Box, Materials 130

Math Flash 50, 143

Quick Pick Series 60

Reach for the Stars 24

SAM: Symbols and Meaning 95

Sensory Learning Kit (SLK) 34

Boehm-3 K-2 PARTS

Boehm-3 K-2 measures 50 basic concepts relevant to school success, helping identify students who may not have the learning experiences necessary to understanding key concepts. Developed for easy use with English- and Spanish-speaking students.

Note: Boehm-3 Examiner's Manual is available through Pearson: **http://www.pearsonclinical.com/language/products/100000188/boehm-test-of-basic-concepts-thirdedition-boehm-3.html**

Full reliability and validity data for children without visual impairment can be found in the Examiner's Manual (see link above), but does not apply to this adaptation.

Everything needed to administer the Boehm-3 K-2 to children with visual impairments is included in these kits. The Boehm-3 Kits can be used with students diagnosed with CVI by applying the same accommodations that they use in school.

Recommended grades: K–2.

Big Picture
1-03883-00 $384.00

Tactile
1-03884-00 $519.00

Boehm-3 Preschool PARTS

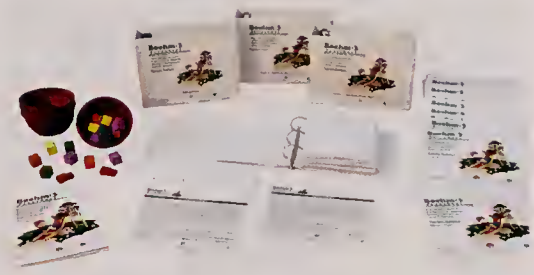
Boehm-3 Preschool measures 26 basic concepts relevant to the preschool/early childhood curriculum. This test helps identify children who lack understanding in basic rational concepts so you can provide intervention sooner, increasing their chance of success in school. The Big Picture Kit manual and record forms are available in English and Spanish.

Note: Boehm-3 Preschool Examiner's Manual is available through Pearson: **http://www.pearsonclinical.com/psychology/products/100000161/boehm3-preschool.html**

Full reliability and validity data for children without visual impairment can be found in the Examiner's Manual (see link above), but does not apply to this adaptation. Everything needed to administer the test to children with visual impairment is included in these kits.

The Boehm-3 Preschool Kits can be used with students diagnosed with CVI by applying the same accommodations that they use in school. There is no background complexity, and the drawings have already been simplified for use with students with low vision.

Recommended grade: Pre-K.



Big Picture
1-03880-00 $291.00

Tactile
1-03882-00 $564.00

NewT Kit PARTS

This Kit includes accessible tools and activities for use with Functional Vision and Learning Media Assessment (NewT). It has everything you need to complete the Observations, Functional Vision Assessment, and Learning Media Assessment sections of the FVLMA.

Includes

Sample graphs, maps, dictionary entries, reading samples, diagrams, news clippings, and catalogue pages for grade levels K–12.

Recommended grades: Pre-academic to academic, K–12.

1-08149-00 $959.00

TADPOLE Kit PARTS CVI

Tools and Activities for the Development of Visual Skills (TADPOLE) is a set of standardized tools that helps practitioners perform functional vision evaluations or visual skills development activities. Similar to APH's ToAD Kit, but geared toward younger learners, TADPOLE is a natural precursor to the ToAD Program.

Note: Practitioners should purchase the ToAD Kit prior to using the TADPOLE Kit, since items from ToAD are needed when a student's personal items are not available.

1-08155-00 $321.00

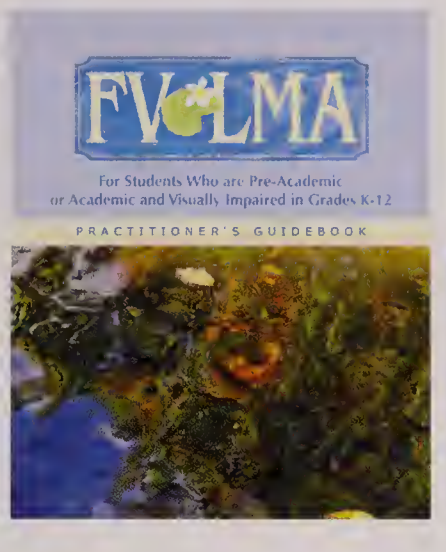
ToAD Kit PARTS CVI

Tools for Assessment and Development of Visual Skills (ToAD) is a set of standardized tools that aids in performing functional vision evaluations or visual skills development activities. The ToAD Kit provides tools, toys, and puzzles that assist the educator as he or she performs assessments or activities. ToAD also serves as the Vision Modality for the Sensory Learning Kit (SLK).

Recommended ages: 2.5–5 years.

1-08152-00 $832.00

Functional Vision and Learning Media Assessment (FVLMA) Kit PARTS



FVLMA is a user-friendly instrument that provides a framework for the systematic assessment of a student's visual functioning and needs for adapted educational media. Although not a standardized test, FVLMA has been peer-reviewed by experts in the field of blindness and field tested by teachers and students.

Recommended grades: Students who are pre-academic in K–12.

7-96151-00 $67.00

Brigance Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised, 1999 (CIBS-R), Student Braille Edition PARTS

An adaptation of the print inventory, the student braille edition includes tactile representations of diagrams where appropriate.

Recommended grades: Pre-K–9.

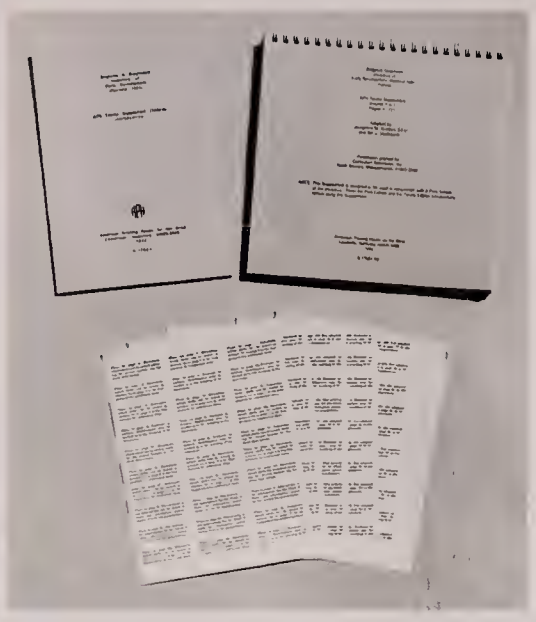
5-00000-00 $444.00

Brigance Diagnostic Comprehensive Inventory of Basic Skills (Green), Revised, 1999 (CIBS-R), Student Large Print Edition PARTS

A criterion-referenced inventory that assesses, on an individual basis, a student's strengths or weaknesses in specific skill areas. The CIBS-R has been especially useful in support of Individual Educational Plan (IEP) development and program planning.

Recommended grades: Pre-K–9.

4-00000-00 $153.00



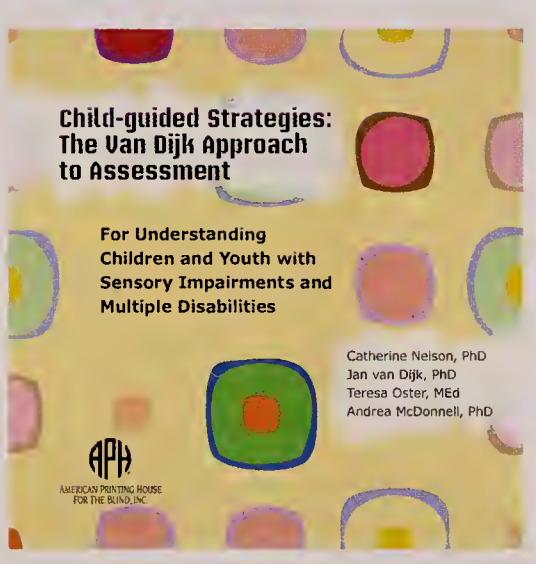
Brigance Diagnostic Comprehensive Inventory of Early Development (Yellow), APH Tactile Supplement, Revised, 1991

A criterion-referenced assessment designed to identify the level of mastery that a young child has achieved on selected skills. This information is important for planning a child's Individualized Family Service Plan (IFSP) or Individualized Educational Program (IEP).

Recommended ages: Birth–K.

Note: The Brigance student large print and braille editions, as well as the APH Tactile Supplement, were designed to be used only in conjunction with the print inventory. To order the print test, student record books, and other regular print materials, contact: Curriculum Associates, Inc. North Billerica, MA 800-223-0248, Fax: 800-366-1158, **www.curriculumassociates.com**

5-17681-00 $192.00



Child-Guided Strategies: The Van Dijk Approach To Assessment

This product offers an easy-to-use guidebook with an accompanying flash drive that follows the assessment of a baby, a young child, and a teenager. The Van Dijk assessment is unique as it follows the lead of the individual learner. Critical to the process is the recognition that assessment and intervention must always occur hand-in-glove and that meaningful assessment guides intervention. This product contains the guiding principle and guidelines to conduct an assessment that follows the Van Dijk approach.

7-31001-00 $45.00

Teacher's Pet Software

Create accessible drills, practice exercises, or tests for students who are blind and visually impaired, including both audio and large print tests. It can also record test sessions to track student progress.

Recommended ages: All (dictated by tests created).

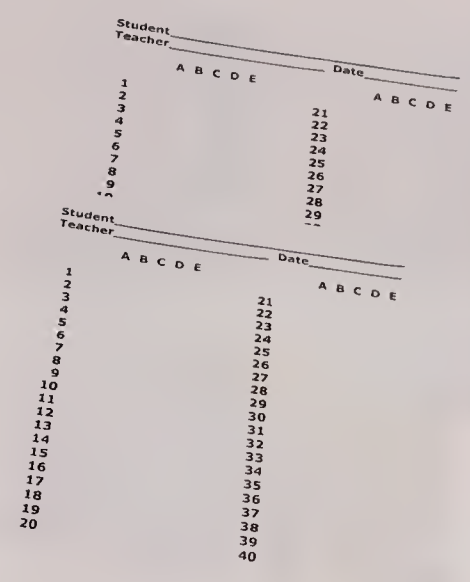
CD-ROM
D-03460-00 $89.00

Digital Download
D-03460-ED $79.00

Accessible Multiple Choice Answer Sheets: Braille, Large Print, Pop-A-Dot

High-contrast layouts with print and tactile elements engage students so that test-taking can be fun! Sighted peers will also love these.

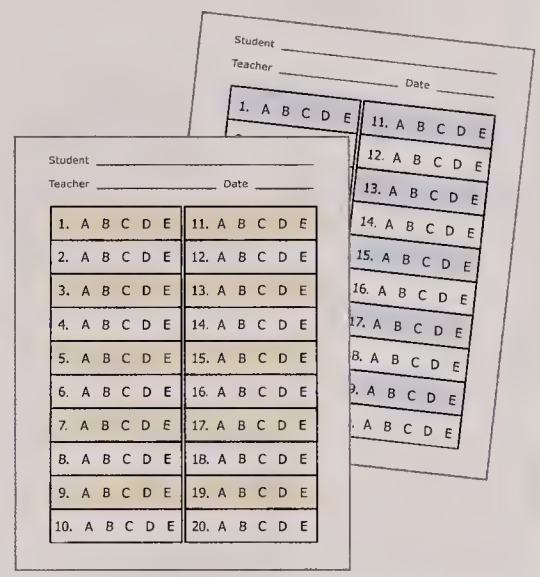
Recommended ages: 8 years and up.



Braille Answer Sheets

Fifty generic sheets with question numbers 1–40 in large print and braille, in two columns, with multiple choice braille answers a–e.

5-17003-00 $14.00



Large Print Answer Sheets

Formatted in two columns, with bold lines and 18-point font, these two-sided generic answer sheets have question numbers 1–40 with every other line highlighted in a contrasting color.

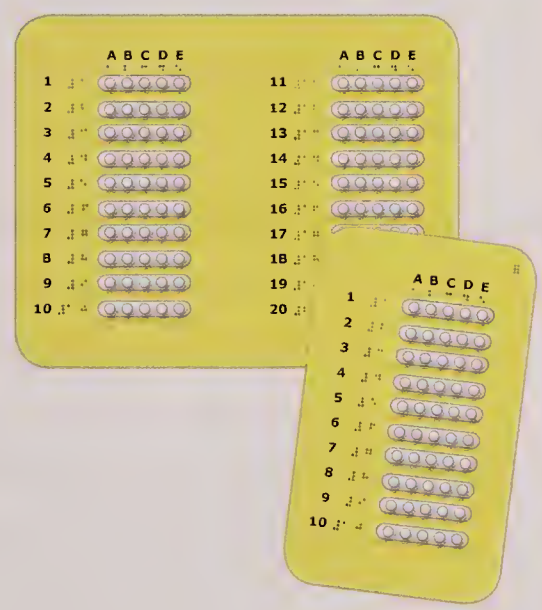
7-17003-00 $16.00

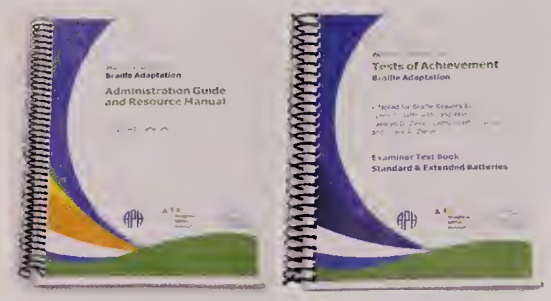
Pop-A-Dot®

These sheets make testing fun with "memory plastic" dots that are pushed down to select an answer, but can be popped back up easily, allowing students to change their answers independently. Beginning level student sheets have one column with 10 question numbers.

Advanced level student sheets have two columns with 20 question numbers.

Pop-A-Dot (4-pk)
1-17003-00 $71.00





Woodcock-Johnson IV (WJ IV) PARTS

The Woodcock Johnson® IV is a comprehensive set of assessments, administered individually, to identify learning difficulties and improve instructional outcomes for all ages. The assessment is comprised of three batteries: Tests of Achievement (Standard and Extended), Tests of Cognitive Abilities (Standard and Extended) and Oral Language.

The braille adaptation is comprised of a comprehensive set of assessments, administered to identify learning difficulties and improve instructional outcomes, from each of the three batteries: Tests of Achievement (Standard and Extended), Tests of Cognitive Abilities (Standard and Extended), and Oral Language.

These materials must be ordered directly from the test publisher: Customer Experience Support – Assessments, Houghton Mifflin Harcourt, 255 38th Avenue, Ste. L, St. Charles, IL 60174; 800-223-9540; Fax: 630-467-7192; **AssessmentsOrders@hmhco.com**.

Note: It is strongly suggested that the administrator have approved professional development training in administering the original print Woodcock-Johnson IV. Examiners must meet the qualifications for administering this assessment and have purchased the publisher materials which are referenced in the braille adaptation. The audio CD provided in the publisher kit is necessary to administer portions of the braille adaptation.

Recommended ages: 2 years and up.

Print
4-66003-00 $437.00

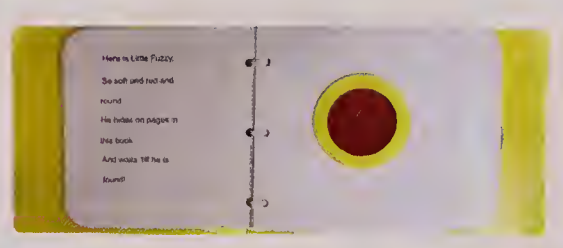
Braille N
6-66001-00 $890.00

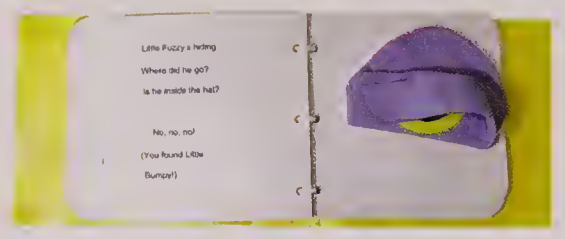
Early Childhood Section Index

APH SoundPage 30
Alphabet Scramble 31
Bear Hunt 22
Bright Shapes Knob Puzzles Kit 21
Best for a Nest, The 24
Developmental Guidelines for Infants With Visual Impairments 24
Effective Use of Objects 35
Every Child Can, VIPS Video N 41
Everyday Activities Calendar 24
Experiential Learning 25
Fine Motor Development Materials 35
Four Little Corners N 23
Giant Textured Beads 36
HANDS ON: Functional Activities for Visually Impaired Preschoolers 35
Holy Moly 21
Joy Player, The 34
Jumbo Work/Play Tray 39
Laptime and Lullabies N 20
Lots of Dots Series 42
Moving Ahead Series 32
On the Way to Literacy Series 26–30
PATTER: Preschool Attainment Through Typical Everyday Routines 25
Parenting With a Visual Impairment 25
Parents and Their Infants with Visual Impairments 25
Peg Kit 37
Pumpkin Puzzles 31
Puzzle Form Board Kit 37
Reach & Match Learning Kit 21
Reach for the Stars 24
Rolling Into Place 41
Rolling Right Along Construction Kit 41
Sensory Cylinder Set 38
Sensory Learning Kit (SLK) 34
Select Switch 34
Shape Board 38
Six Dots Game of Cards N 23
Six Little Dots 23
Small, Medium, & Large Circles Sets 38
Sound Adapted Tangle Ball Kit 39
Sound Matching Boards 37
Spangle Tangle 39
Sticky Dots Adhesive 41
Tactile Treasures 35
Tangle Toy 39
Textured Matching Blocks 36
Textured Pegs 36
VIPS@Home Program 33
VIPS Video Library Series 40–41
What is IT? Kit 21
Work-Play Trays 40

Early Childhood Related Products

All-In-One Boards 91
APH Sound Balls 80
Boehm-3 13
Color-by-Texture Circus Coloring Pages 77
Color-by-Texture Marking Mats 77
Flip-Over Concept Books 105
IntelliTactiles Pre-Braille Concepts 98
Light Boxes and Materials 129–130
NewT Kit 14
Rib-It-Balls 80
SAM: Symbols and Meaning 95
Setting the Stage 104
Tactile Book Builder Kit 86
Teach Me to See 125
Word Associations Print/Braille Labels 99





Laptime and Lullabies N UEB

Sharing the Joys of Literacy With Your Infant or Toddler who is Blind or Visually Impaired

With a little "thinking out of the book," you and your little one can discover literacy activities that are enjoyable and meaningful.

Many parents with young children who are blind and visually impaired often wonder... "When should I begin to read to my baby?" or "How can I interest my toddler in books if she does not see the pictures clearly?" or "Should my young child learn to read braille?" or "What kinds of early literacy experiences can I provide for my child who is visually impaired and has additional special needs?" Laptime and Lullabies, was created for APH by Kay L. Clarke, Ph.D., to help families and their early intervention teams answer these and other questions.

Includes

- Handbook (contains 18 booklets)
  - First Chapters of Literacy
  - Establish Relationships
  - Share Conversations
  - Focus on Vision
  - Grow Listening Skills
  - Enhance Touch
  - Partner in Play
  - Explore the World
  - Read Together
  - Investigate Books
  - Discover Symbols
  - Experiment With Tools
  - Team Up for Literacy
  - Emergent Literacy Developmental Milestones
  - It Makes Sense to Me
  - Literacy Fun at Bath Time and Bedtime
  - Bath Time and Bedtime Activities
  - References
- Butterflies Storybook with finger puppet and Tips Card
- Where's Little Fuzzy Storybook with Tips Card
- Flash drive with accessible files, including UEB braille ready files and studio recorded audio files

Recommended ages: Birth to 3 years.

6-77702-00 $119.00

Bright Shapes Knob Puzzles Kit

Based on the shapes used in APH's Light Box Levels I-III Kits, Bright Shapes Knob Puzzles have knobs to help with grasping. Targeted skills include hand-eye coordination, relational concepts such as in/out, directionality, shape and color recognition, comparison, and patterning. Designed to be easily viewed on the APH Light Box, or can be used on its own.

Recommended ages: 2 years and up.

1-03722-00 $169.00

Light Box sold separately.

Reach & Match Learning Kit and Inclusive Learning Program

An innovative system for students with sensory impairment and other special needs to learn and engage with their peers. Includes four large puzzle piece mats, each a different color. One side of each mat has a texture with a tactile pattern that matches corresponding tiles. The other side has the same texture but with a recessed white path. Along the path are cut-out shapes that correspond to the same tiles. The tiles are stored in a round pillow with a zipper closure that is placed in the middle.

Recommended ages: 3 years and up.

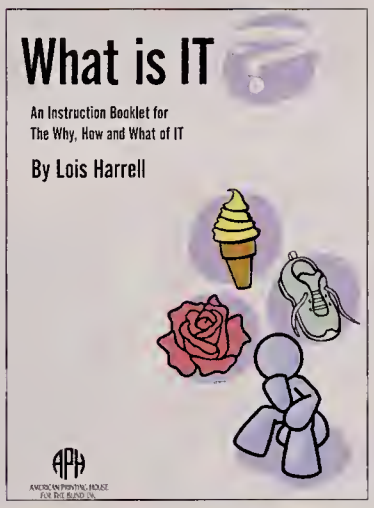
1-08816-00 $900.00

What is it? Kit

With an active introduction to details contributing to the whole, the child will gain the foundation for comparative thinking, leading to the ability to generalize and communicate independently.

Recommended grades: Pre-K and up.

1-03535-00 $61.00



Holy Moly UEB

A colorful, tactile board book with rhyming text and interactive components encourages young tactual learners to use their fingers to explore. The multisensory and interactive components engage the child in a movement or action that is connected to the text in a meaningful way. Sturdy, easy-to-turn pages.

Recommended ages: Birth to 3 years.

6-77910-00 $47.00

Les Doigts Qui Rêvent (LDQR)

LDQR Storybooks have been featured in Outstanding Books for Young People with Disabilities, a catalog and exhibit organized by the International Board on Books for Young People (IBBY). IBBY is a non-profit organization representing an international network of people committed to bringing books and children together. Includes: A Touch, Six Little Dots, Six Little Dots Game of Cards, Four Little Corners, and Bear Hunt.

The Storybooks and Cards are produced for APH by the French tactile book publisher, Les Doigts Qui Rêvent (LDQR). Richly textured, collage-style illustrations with interactive features are visually attractive and have appeal for all young learners as well as adults sharing the books with a child. Illustration, design is based on research into the needs of tactual learners. Text is provided in large print and contracted UEB, provided as clear, silk-screened braille of high quality and durability.

Bear Hunt UEB

Invites children on a multisensory expedition toward a bear's cave. As the reader journeys across the page, sliding a small token along a path, fingers encounter tactile and audible features, such as waving grass, a silken stream, a squishy marsh, trunks of trees, and slippery "snow." Feeling inside the cave reveals a furry face with big eyes, a soft nose, and sharp teeth!

Recommended ages: 3 years and up.

6-77955-00 $229.00

Four Little Corners N

This tactile adaptation of Jérôme Ruillier's print storybook, Quatre Petit Coins De Rien Du Tout, is about what it means to belong and to have access. The friends of Little Square, all circles with varying textures, fit easily through the round school door but Little Square cannot join them. Following the principle of "where there is a will there's a way," they suggest Little Square alter himself (fold, turn, stretch, twist!) to fit through the door. At last, but not without some emotion, all finally realize it is the school that must change to fit everyone's needs. As the book's message is shared, children can manipulate the shapes, explore textures, and relate the illustrations to this very meaningful text.

Recommended ages: 3 years and up.

6-77957-00 $219.00

Six Little Dots UEB

Six Little Dots is a texture-rich story book about braille fundamentals. Each 1/2-inch braille dot is a different and distinctive texture and color. The print/braille text introduces the braille dots as story characters who inhabit a braille cell, as they take their place in the braille cell. Features charming text and tactile illustrations.

Recommended ages: 3 years and up.

6-77954-00 $139.00

Six Dots Game of Cards N UEB

42 colorful tactile cards belong to one of seven different texture "families" (names in print and braille on each card). Within each family are 6 unique cards, each with a single textured Dot in numbered positions modeled after the arrangement of dots in a braille cell. The goal is to collect all six Dot cards needed to form a complete family.

1-03569-00 $99.00

The Best for a Nest UEB

This large print/braille storybook includes color illustrations on each page that depict the text. Includes storyboard and tactile manipulatives, making the reading experience fun and meaningful.

Recommended ages: 2 years and up

5-12301-01 $109.00

Reach For The Stars, Planning for the Future

A first-of-its-kind guidebook about transitioning young children into preschool or kindergarten settings. Reach for the Stars creates inclusive, customized educational plans for young students.

Large Print
7-08412-00 $20.00

Braille
5-08412-00 $31.00

Everyday Activities Calendar

This idea-filled calendar suggests a fun preschool activity for each day of the year. This large print/braille calendar does not track any specific year, but can be used year after year.

Recommended ages: 3 years and up.

1-08121-00 $171.00

Developmental Guidelines for Infants With Visual Impairments PARTS

This guidebook is geared toward early intervention. It contains a wealth of information based on recent research and empirically-based observations about the development of infants with visual impairments. Professionals and caregivers will learn the sequence in which many skills develop.

Note: Developmental Guidelines was designed mainly for professionals who serve infants with visual impairments.

8-50701-00 $95.00

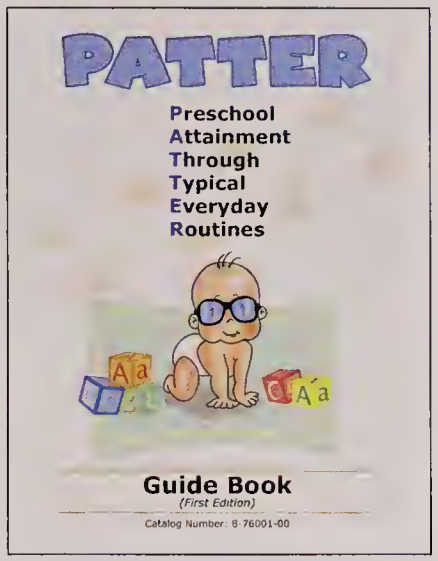
PATTER: Preschool Attainment Through Typical Everyday Routines

This curriculum and assessment tool is designed to facilitate skill development by preschool children who are visually impaired in the areas they are expected to master through involvement in typical household routines. Appropriate for use with children with additional impairments.

Recommended grade: Pre-K.

Large Print
8-76001-00 $89.00

Braille
6-76001-00 $79.00

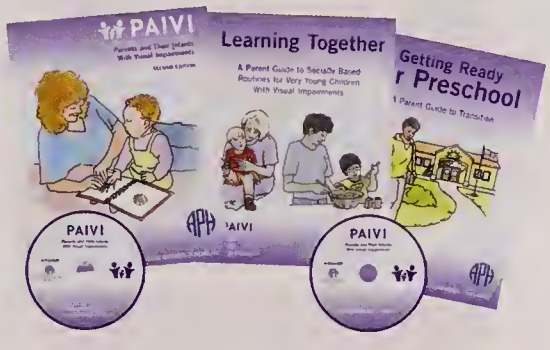


Parents and Their Infants With Visual Impairments (PAIVI), 2nd Edition

PARTS

This set of materials is designed to help parents and teachers of infants who are visually impaired become involved as primary members of the intervention team.

7-96149-00 $51.00



Parenting With a Visual Impairment: Advice for Raising Babies and Young Children

Advice from parents who completed an extensive written questionnaire and a 90-minute phone interview about how they accomplished parenting tasks using non-visual techniques. Each comes with audio CDs.

Recommended grades: Middle School and up.

Large Print
8-00100-00 $79.00

Braille
6-00100-00 $105.00

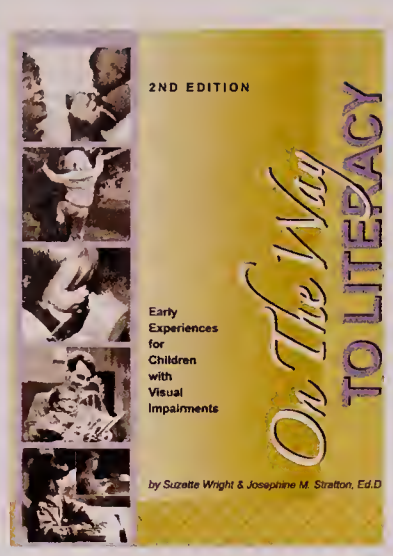
Experiential Learning: Activities for Concept Development

Each section in this guidebook contains a brief overview of the skill or concept being addressed. The overview is followed by three suggested activities: a beginning, intermediate, and more advanced activity for each area. The service provider or parent must provide the toys and other materials to be used for each activity.

Recommended ages: Birth to 3 years, also has activities appropriate for older children working on the six developmental areas.

Large Print/CD-ROM
8-50705-00 $14.00

CD-ROM contains accessible formats of the guidebook.



On the way to Literacy: Early Experiences for Children who are Visually Impaired

This handbook and series of 18 storybooks contain vital information and activities to enhance the development of literacy in young children who are blind and visually impaired.

Recommended ages for storybooks: 2 1/2 to 5 years, except Gumdrop Tree.

On The Way To Literacy Handbook, 2nd Edition

This handbook guides teachers and parents in supporting a young child's first steps towards literacy.

Print
8-77520-00 $60.00

Braille
6-77520-00 $210.00

Storybooks With Real Objects and Textures

Giggly-Wiggly, Snickety-Snick (Set III)

Words capture a range of tactile experiences. Real objects (not included) can be added to envelopes on the pages.

6-77502-05 $74.00

Something Special (Set I)

A young child searches for a lost possession; features objects affixed to the book pages.

6-77500-05 $80.00

That's Not My Bear (Set II)

A well-loved teddy bear is lost and cannot be replaced. The special bear and others offered by the family are represented by various furry shapes.

6-77501-01 $71.00

Geraldine's Blanket (Set II)

A girl's treasured blanket becomes worn and patched over time, but is never outgrown. Squares of fabric illustrate the fate of the blanket.

6-77501-02 $99.00

Storybooks Illustrated With Thermoforms

(Molded Plastic Shapes)

Jennifer's Messes (Set I)

Familiar objects such as cereal, pretzels, and crayons illustrate the messes made by Jennifer.

6-77500-06 $80.00

Jellybean Jungle (Set III)

Scented stickers included. A counting rhyme about a magical jungle filled with jellybeans.

6-77502-01 $92.00

Gobs of Gum (Set I)

Scented stickers included.
A rhyming story about "big blobs, small gobs, and sticky icky strings of bubble gum."

6-77500-08 $59.00

Roly-Poly Man (Set I)

A story about a young child who creates a "roly-poly" figure from pieces of clay.

6-77500-07 $72.00

Thingamajig (Set III)

Jamie is a collector of "thingamajigs" – coins, marbles, buttons, and other common objects. His treasures introduce the concept of grouping items and identifying missing items.

6-77502-04 $65.00

Special Storybook Lets Children Create a Story About Themselves

Book About Me (Set I)

A "Me Book" for children to create. Comes with fill-in-the-blank sentences in braille and print, and space to add illustrations and text.

6-77500-10 $30.00

Storybooks With Raised-Line Drawings

The Longest Noodle (Set I)

A child finds the world's longest noodle. Raised lines illustrate a shoelace, a jump rope, etc.

6-77500-01 $37.00

The Blue Balloon (Set II)

A special balloon takes on extraordinary shapes and performs amazing feats. Illustrated with brightly colored, raised balloon shapes.

6-77501-03 $59.00

The Littlest Pumpkin

(see related puzzles page 31)

When the littlest pumpkin in the patch isn't chosen to become a jack-o'-lantern, things seem very bleak – until a child discovers his hiding place!

6-77504-00 $64.00

That Terrible, Awful Day (Set I)

A young child's popsicle gets smaller as everyone shares a taste.

6-77500-04 $28.00

The Caterpillar (Set I)

A visually impaired child makes an exciting discovery in her backyard. Has raised line drawings of a hand, foot, steps, and a fuzzy fabric caterpillar.

6-77500-02 $37.00

Silly Squiggles (Set I)

A worm like creature stretches, squeezes, and squirms into various shapes in this rhyming story.

6-77500-09 $32.00

Bumpy Rolls Away (Set I)

Bumpy the Ball rolls down a hill, down steps, onto a sidewalk, along an alley, and into a box.

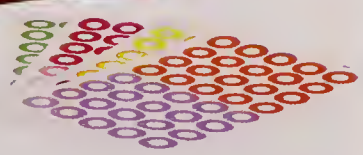
6-77500-03 $37.00

The Gumdrop Tree (Set III)

Scented stickers included.

Tells the story of a tree that grows from a gumdrop! The raised-line drawings depict the growth of the tree.

6-77502-03 $131.00



On the Way to Literacy Book Sets

Book Set I

Includes one print handbook and these ten storybooks: Something Special; Jennifer's Messes; Gobs of Gum; Roly-Poly Man; The Longest Noodle; That Terrible, Awful Day; The Caterpillar; Bumpy Rolls Away; Silly Squiggles; and Book About Me.

6-77500-00 $552.00

Book Set II

Includes these three storybooks: That's Not My Bear, Geraldine's Blanket, and The Blue Balloon.

6-77501-00 $229.00

Book Set III

Includes these four storybooks: Giggly-Wiggly, Snickety-Snick; Jellybean Jungle; Thingamajig; and The Gumdrop Tree.

6-77502-00 $362.00

APH SoundPage PARTS

The APH SoundPage allows readers to create their own sound effects and recordings. Holds up to three 8-second digital recording/playback devices (two included in basic set), the page can be clipped into the 3-ring binder of any OTWL storybook.

6-77505-00 $54.00

Alphabet Scramble Storybook PARTS

A read-aloud storybook promoting emergent and early literacy skills. The rhyming story tells of a "family" of alphabet letters as each sets out to explore the page. As each letter takes a turn crossing the page, which is shown as a line of repeating letters, the child can track along the line of braille, gaining tactile braille reading skills.

5-01199-00 $62.00

Pumpkin Puzzles

APH offers two pumpkin puzzles related to The Littlest Pumpkin storybook. These puzzles, sold as a set, depict the Littlest Pumpkin and another jack-o'-lantern face. Orange and black foam puzzle pieces are reversible.

1-08835-01 $29.00

Important Icon Legend

CVI Icon

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).

PARTS Replacement and Optional Parts Available Icon

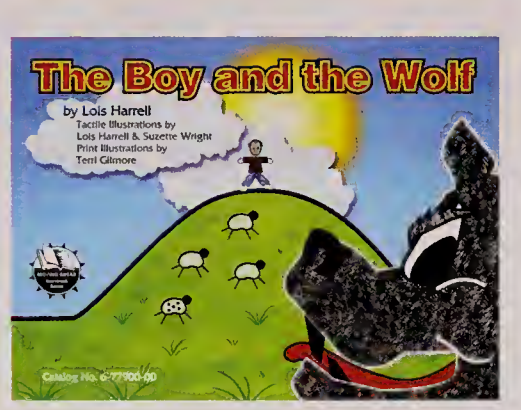
Products with available replacement parts are marked with this icon. Refer to the Replacement Parts Catalog on our website.

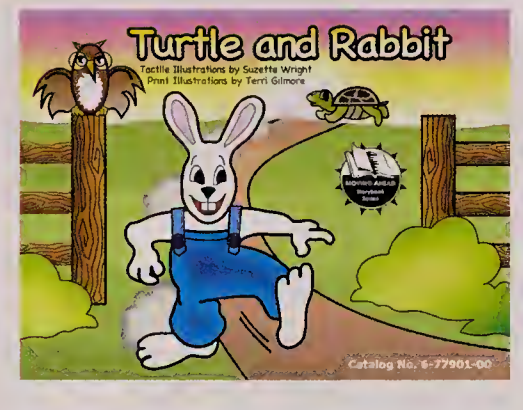
Downloadable Manuals

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit **aph.org** to download a manual.

N New Product

R Revised Product





Moving Ahead Series

A follow-up to APH's On the Way to Literacy Series, Moving Ahead storybooks introduce symbolic representation, more complex illustrations, and an increased emphasis on text. Each storybook includes a large print Reader's Guide (braille edition available as a free download) that contains general information, tips on using the storybook, and additional resources. Also included are braille words on customer-applied labels.

Going on a Bear Hunt

A tactile line guides on a bear hunt. In the process of hunting for a bear, the reader follows a tactile line through the story.

Recommended grades: Pre-K to 3rd.

6-77903-00 $77.00

Splish the Fish

Tactually search for Splish and help him find his way back to his friends.

Recommended grades: Pre-K to Kindergarten.

6-77902-00 $79.00

The Boy and the Wolf

Tactually search the page for characters, count and compare like and different pairs of sheep, and notice differing orientations and other features.

Recommended grades: Pre-K to 2nd.

6-77900-00 $83.00

Turtle and Rabbit

Tactually follow the progress of the race between the tortoise and the hare.

Recommended grades: Pre-K to 2nd.

6-77901-00 $85.00

VIPS@Home: Parent Empowerment Program

This three-module program developed from a partnership between APH and Visually Impaired Preschool Services (VIPS) offers courses for parents that can be studied at home. These materials offer opportunities for connecting with professionals and other parents for support.

Recommended ages: Birth to 5 years.

Each course includes a large print Course Book and CD-ROM with accessible files including a .brf in UEB and a presentation tool.

VIPS@Home is available with Quota funds.

Emergent Literacy

Story time comes to life! Program teaches parents how to become comfortable and vibrant storytellers.

8-00076-00 $19.00

Power at Your Fingertips

Provides a concise and family-friendly introduction to braille. Parents can begin to experience the joy of learning braille without the frustration of enormous textbooks, and will learn how to bring braille literacy into their everyday routines and discover numerous resources for child-ready braille materials.

8-00075-00 $19.00

Special Education: Your Journey to a Successful IEP

Helps demystify conferences and paperwork, and puts parents at ease during the school years ahead.

8-00078-00 $19.00

Sensory Learning Kit (SLK)

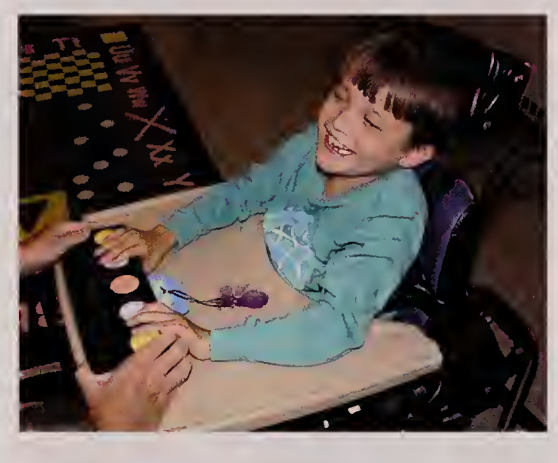
This Kit contains an extensive set of sensory items and written materials that help learners increase their curiosity and develop specific skills. Tools in this Kit may be used to help create daily schedules, lesson plans, and alternative assessments for play or functional routines.

1-08611-00 $463.00

Select Switch

Designed for use in educational and daily living applications, Select Switch is useful for individuals with severe motor disabilities and cognitive impairments. Various function control features enable individuals to communicate and control battery operated appliances, toys, and devices. Requires 4 AAA batteries (not included).

1-08617-00 $125.00



The Joy Player

This easy-to-load, switch-activated music player allows individuals who are developing fine motor skills, have limited mobility, or cognitive disability (in addition to a visual impairment) to access music and audio books. Designed to use with the personal music player routine in APH's SLK.

Recommended ages: 3 years and up.

1-07089-00 $349.00 + shipping

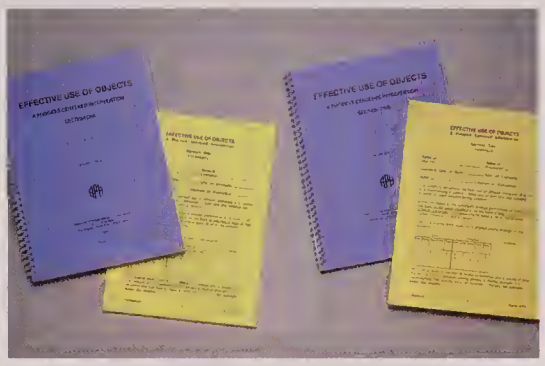
Fine Motor Development Materials: Twist, Turn, and Learn PARTS

Helps young children with visual and multiple disabilities develop and enhance fine motor skills. This kit assists in developing grasping, pincer grasp, wrist rotation, palmar grasp, and more. Primarily for professionals.

Recommended ages: Birth to 36 months.

1-08420-00 $608.00

Effective Use of Objects: A Process Centered Intervention



Helps learners with multiple disabilities develop task-oriented behavior that is self-regulating. Focuses on the kinds of problem-solving skills that encourage the functional use of objects. For parents and professionals.

Recommended ages: 2 to 7 years.

7-35500-00 $115.00

HANDS ON: Functional Activities for Visually Impaired Preschoolers PARTS

Helps children develop skills such as concentration, hand and visual coordination, ability to complete a cycle of activity, and socialization skills. Also helps develop a sense of order and a positive self-image. For parents and professionals.

Recommended ages: 3 to 6 years.

1-03260-00 $280.00

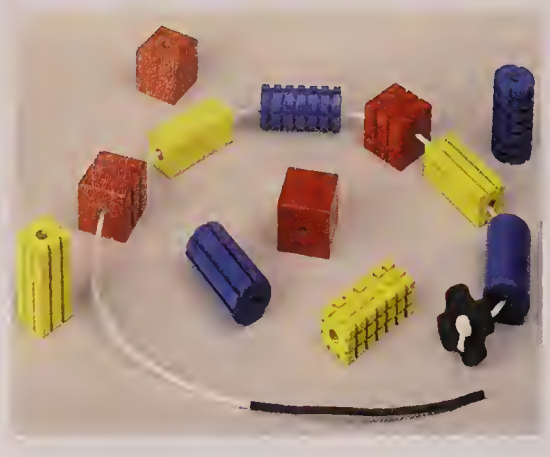
Tactile Treasures: Math and Language Concepts for Young Children With Visual Impairments PARTS

An informal assessment and teaching tool for use with children to develop an early understanding of basic concepts and vocabulary. By pairing tactile graphics of thermoformed real objects with included descriptive scripts/stories, over 90 concepts can be introduced and reinforced.

Note: Large print guidebook (with CD-ROM) included, braille guidebook available separately.

Recommended ages: 3 years and up.

1-08842-01 $506.00



Giant Textured Beads

Introduces a variety of concepts, including shape, color, and texture. Also assists in the development of muscular and eye-hand coordination. Shapes have three textures. Bead stringer included.

Warning: Strangulation Hazard - Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

Recommended ages: 3 to 6 years.

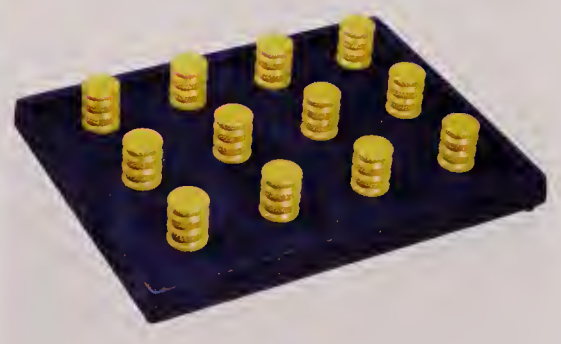
1-03780-00 $71.00

Giant Textured Beads With Pattern Matching Cards

This kit is designed with preschool through early elementary students in mind. Pattern Matching Cards reinforce the tactile continuum from real objects (most basic level) to raised-line graphics (most advanced level). Students in higher grades will be challenged by the increasing difficulty posed by the "Platform" and "3-D View" matching cards.

Warning: Strangulation Hazard - Adults should be aware of the strangulation hazards associated with cords and take precautions through supervision and instruction to ensure children do not become entangled.

1-03778-00 $182.00

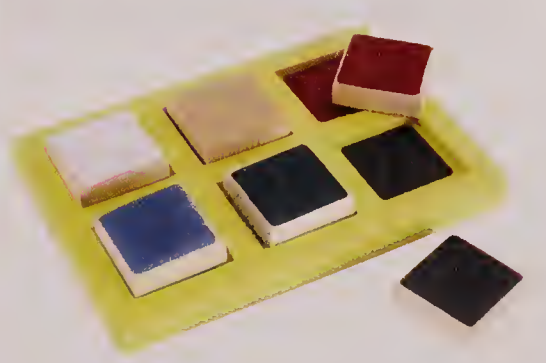


Textured Pegs

Helps develop fine motor skills, manual dexterity, and grasp/release skills, reinforcing concepts of direction and position.

Recommended ages: 1 to 6 years.

1-08930-00 $45.00



Textured Matching Blocks

Encourages recognition of textures, identification by name, and tactual matching, while reinforcing directional and positional concepts.

Recommended ages: 3 to 6 years.

1-08950-00 $72.00

Puzzle Form Board Kit PARTS

Supplementary aid for teaching basic concepts, such as shape, texture, color, size, and matching.

Recommended ages: 3 years and up.

1-03721-00 $130.00

Peg Kit PARTS

Helps children develop skills in manipulation, number and language concepts, and color, size, and tactual discrimination

Recommended ages: 3 to 8 years.

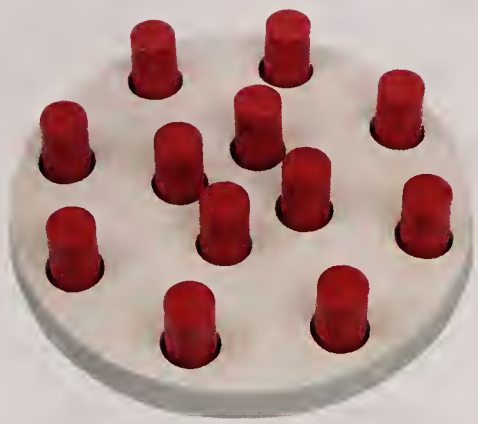
1-03420-00 $56.00

Sound Matching Board I

Develops fine motor skills and auditory matching and discrimination, with the capability of introducing sequential order.

Recommended ages: 3 years and up.

1-08710-00 $80.00



Sound Matching Board II

Helps develop concepts of a series, directions, positions, matching, and discrimination. Eight shakers with four different sounds.

Recommended ages: 3 years and up.

1-08720-00 $59.00

Sensory Cylinder Set

Develops skills in manipulation, number and language concepts, and tactual, color, and weight discrimination.

Recommended ages: 3 years and up.

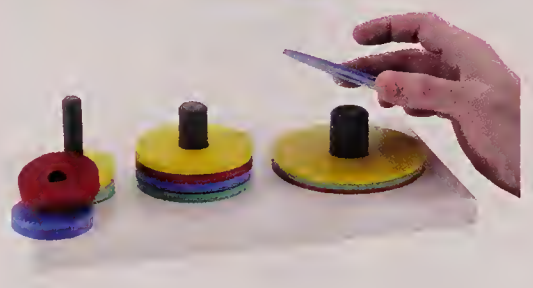
1-03670-00 $87.00

Small, Medium, and Large Circles, Set I

Introduces the concept of fine size discrimination. Frame contains three recessed nests for holding six foam circles of various sizes.

Recommended ages: 1 to 3 years.

1-08590-00 $21.00



Small, Medium, and Large Circles, Set II

Facilitates perception of three dimensions, while strengthening manipulative, matching, and discrimination skills. Base has three pegs for sorting circles. As circle diameter increases, thickness decreases.

Recommended ages: 3 to 6 years.

1-08600-00 $58.00

Shape Board CVI

Proportional shapes contrast brightly against the yellow pegboard and aid in understanding up, down, right, and left. Consists of 25 geometric figures and a board with three columns of five pegs.

Recommended ages: 4 years and up.

1-03710-01 $96.00

Tangle Toy and Tangle Book Kit

With its infinite knot shapes and variety of colors and textures, the Tangle Toy® can be used to encourage a child to explore, move, and play. Tangle Book activities and games help both children who are sighted and children who are visually impaired refine motor skills, color discrimination, and tactile discrimination.

1-08750-00 $63.00

Spangle Tangle: Play and Explore

Provides opportunities for learners to improve visual and tactile attention, communication, and creativity. Through specially designed activities, the learner develops motor, problem-solving, cognitive, self-care, social, and pre-braille skills.

Recommended ages: 5 years and up.

1-08755-00 $131.00

Sound Adapted Tangle Ball Kit

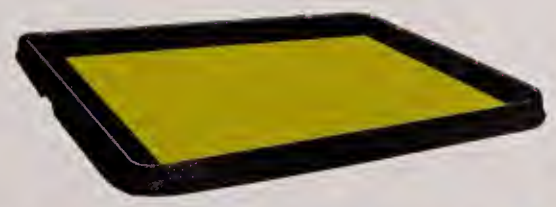
This ball is great for educational play and doubles as a teething toy. Develops hand-eye coordination, sound localization skills, fine motor skills, and interaction with others. Made of safe, soft plastic material.

Note: Interior ball can be removed if desired. Some assembly required.

Recommended ages: 6 months and up, with adult supervision.

1-08111-00 $44.00

Jumbo Work/Play Tray



The Jumbo Work/Play Tray provides learners who have visual impairments and/or other significant challenges with a tool with which they can play, explore, and learn independently. The large size (24 x 24 inches) allows ample space for active learning and prevents toys from rolling out of reach. A yellow liner accompanies the tray for additional color contrast.

1-03764-00 $69.00

Balls not included.

Work-Play Trays

Durable trays hold objects which might roll out of reach. Trays provide enclosed work space for sorting, matching, classifying, counting. Two sizes and colors available.

Small Work-Play Tray
17x11 3/4 inches
Black 1-03751-00 $26.00
Yellow 1-03660-00 $26.00

Large Work-Play Tray
21 1/4x13 1/4 inches
Black 1-03761-00 $25.00
Yellow 1-03740-00 $26.00

Dividers (4-pk)
for Small Work-Play Tray
1-03770-00 $36.00

VIPS Video Library

This video library from Visually Impaired Preschool Services (VIPS) is a series of essential videos for parents and caregivers of young children who are visually impaired and blind.

This library offers practical and proven techniques that foster their development.

Seeing Things in a New Way
1-30024-DVD $53.00

Moving Through the World
1-30030-DVD $57.00

Learning About the World
1-30025-DVD $57.00

Hands on Experience
1-30031-DVD $57.00

Becoming A "Can-Do" Kid
1-30026-DVD $57.00

Power at Your Fingertips
1-30033-DVD $85.00

Making Friends
1-30027-DVD $57.00

Full of Hope
1-30034-DVD $64.00

Going Places
1-30028-DVD $57.00

Through Their Eyes
1-30029-DVD $53.00

Growing My Way
Part 1: (3–18 Months)
3-Video Series
1-30035-DVD $160.00

Growing My Way
Part 2: (24–36 Months)
3-Video Series
1-30036-DVD $171.00

Successfully Adapting the Preschool Environment
1-30032-DVD $57.00

Every Child Can, VIPS Video N PARTS

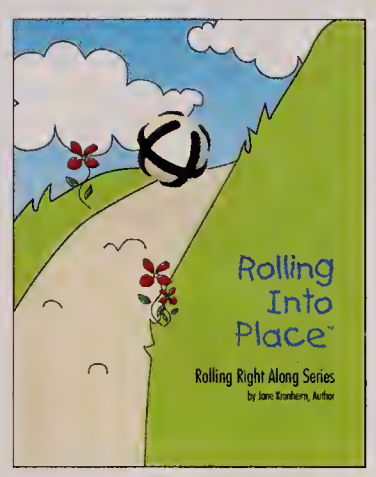
A new addition to the VIPS Video Library Series, this video attempts to demystify the Expanded Core Curriculum (ECC) for parents of young children who are visually impaired, and for their general education teachers who may have limited expertise and experience teaching children with vision loss. English and Spanish versions are available in DVD and optional USB formats, with both audio descriptions and closed captioning. This product is not available for purchase with quota funds.

English
1-30037-DVD $50.00

Spanish
1-30038-DVD $50.00

Rolling Into Place™

As the hook-and-loop material ball is rolled to its final "surprise" destination, important hand skills and basic directional concepts are learned and reinforced. This interactive storybook's simultaneous visual, tactile, and auditory feedback help the child attend to the path traveled by the ball. Also included are an assortment of interactive hook-and-loop material face pieces and suggested activities.



1-08450-00 $96.00

Rolling Right Along Construction Kit™

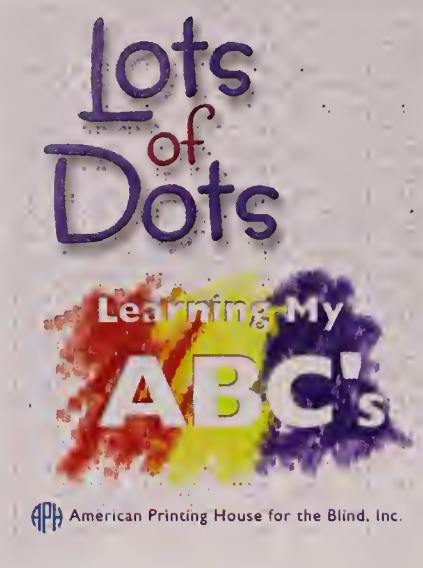
This Kit allows teachers and parents to construct books similar to APH's Rolling Into Place. Using provided accordion-folded panels, hook-and-loop material pathways, and accessory items, self-designed books can be tailored to the child's interests and needs.

1-08451-00 $72.00

Sticky Dots Adhesive™

Make any lightweight objects self-adhesive! Use to create tactile books, worksheets, adapted game boards, etc. These sheets allow you to transfer the dots to a wide range of materials, (felt, craft foam, textured paper, etc.). Package includes eight 8 1/2 x 11 inch sheets in a tear-off pad.

1-08452-00 $9.00

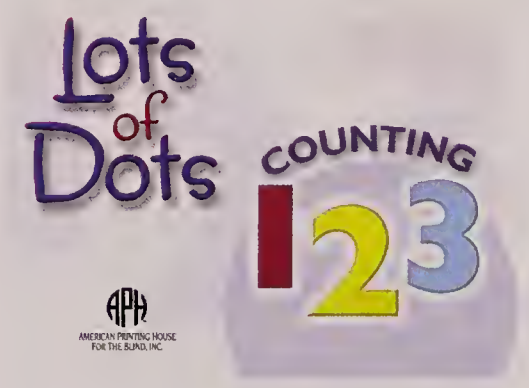


Lots of Dots Coloring Book Series

An exciting set of three raised-line coloring books designed for future large print and braille readers. The books are designed for sequential use; children develop character recognition, pre-literacy, and pre-math skills, and eventually picture building and daily living skills.

Accompanying each book are suggested enrichment exercises for each letter, number, or word, allowing a child to fully associate the print letter, the braille, the tactile graphic, and the object.

Recommended grades: Pre-K and up.



Learning My ABC's

Facilitates braille character recognition through repetitive activities. Attached to the inside front cover is a plastic stencil of the jumbo cell that can be folded over the blank pages, allowing the student to practice the braille cell for that letter.

1-10000-00 $69.00

Counting 1 2 3

Presents numbers 0–30 and then integers of 10 up to 90. Attached to the inside front cover is a plastic stencil of 3 large braille cells. This can be folded over the blank pages, allowing the child to practice the braille cell for the number by tracing or by using the accompanying foam braille chips. This book uses uncontracted braille.

1-10001-00 $81.00

Coloring the Garden

Presents a variety of fruits, vegetables, and herbs, and introduces picture building. Beginning with an empty garden; each page adds a new feature (clouds, rain, seeds, and plants). Once the garden has grown, a new garden item is introduced for the child to color. Uncontracted and contracted braille are used.

1-10002-00 $66.00

English Language Arts Section Index

All Aboard! 46
Braille Contraction Cards 44
Expanded Dolch Word Cards 44
Tactile Editing Marks Kit 46
Wilson Reading System (WRS) 44–45
Word PlayHouse 44

English Language Arts Related Products

Building on Patterns Series (BOP) 106–111
Card Chart Kit 99
Moving Ahead Series 32
On the Way to Literacy Series 26–30
Reach & Match 21
Talking Word Puzzles Software 163

Word PlayHouse

Helps students focus on phonics, spelling, and phonemic awareness. Use Word PlayHouse to teach beginning phonics and reading skills including letter recognition, braille code recognition, decoding, vocabulary, and spelling skills.

Recommended ages: 5 to 8 years

1-03562-00 $342.00

Braille Contraction Cards UEB

These large print/braille flashcards are for practicing the Literacy Braille contractions.

Includes 282 cards, 78 blank cards, 30 indexing cards with tabs, and a storage box.

Recommended ages: 6 years and up.

1-03561-01 $38.00

Expanded Dolch Word Cards UEB

These large print/braille flashcards can be used for reading practice or an informal assessment of a student's ability to read words in contracted braille and spell words in uncontracted braille. Picture word cards contain a picture corresponding to the word.

Recommended ages: 5 years and up.

1-03560-01 $42.00

Wilson Reading System® (WRS) and Instructional Materials

A complete curriculum for teaching decoding and encoding (spelling), beginning with phoneme segmentation. WRS provides an organized, sequential system with extensive controlled text to help teachers implement a multi-sensory structured language program.

This system specifically addresses the learning style of students with a language-based learning disability; however, it is beneficial to any student lacking basic reading and spelling skills.

The Wilson Reading System is authored by Barbara A. Wilson and published by Wilson Language Training Corporation. Permission has been granted to APH to publish the braille and large print versions. For more information and professional

development opportunities on the use of the program and certification, please visit: **wilsonlanguage.com**.

Teacher Manuals may be ordered from the Wilson Language Training website.

Recommended grades: 2 and up.

Note: WRS Instructional Materials are needed to work with the WRS Large Print and Braille Student Kits.

WRS, Student Reader Kit, Braille

Student Reader One, Supplemental Worksheets One, Modified Workbooks 1A and 1B, Teacher's Brochure, and WADE Sheets
6-79501-SK $306.00

Student Reader Two, Supplemental Worksheets Two, Modified Workbooks 2A and 2B, and Teacher's Brochure
6-79501-SK2 $259.00

Student Reader Three, Supplemental Worksheets Three, Modified Workbooks 3A and 3B, and Teacher's Brochure
6-79501-SK3 $263.00

WRS, Student Reader Kit, Large Print

Student Reader One and Workbooks 1A and 1B
8-79501-SK1 $41.00

Student Reader Two and Workbooks 2A and 2B
8-79501-SK2 $37.00

Student Reader Three and Workbooks 3A and 3B
8-79501-SK3 $37.00

WRS Instructional Materials

Card Sets w/Carry Case
6-79505-00 $164.00

Print/Braille Magnetic Tiles and Journal
6-79506-00 $67.00

Tactile Editing Marks Kit

The use of tactile editing marks provides beginning writers with a concrete way to indicate changes on their braille drafts as they revise and edit short pieces, enabling students to write final correct copies of their work independently.

Recommended ages: 5 years and up.

1-08896-00 $65.00

All Aboard! The Sight Word Activity Express

This set of interactive and versatile magnetic print/braille labels can be used for instruction and assessment of a student's recognition of sight (high frequency) words — the most commonly used words in the English language. The list of 220 words, plus 95 nouns or "picture words," was developed by Edward W. Dolch and is referred to as the "Dolch® Basic Sight Word List."

1-03558-00 $321.00

All Aboard! Magnetic/Dry Erase Board

Use for activities involving magnetic-backed pieces or activities requiring dry erase markers. The working surface of the board measures 13 1/2 x 10 11/16 inches and is affixed to a red rigid vinyl that provides a visual boarder.

Recommended ages: All.

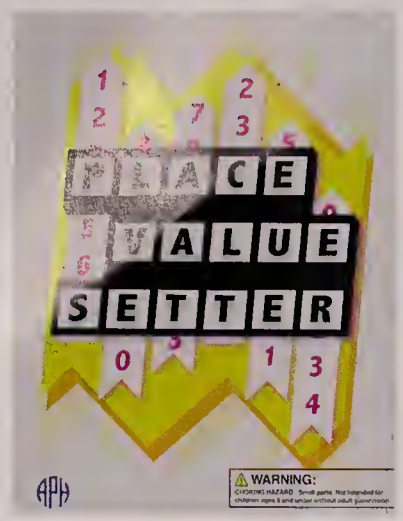
1-03559-00 $27.00

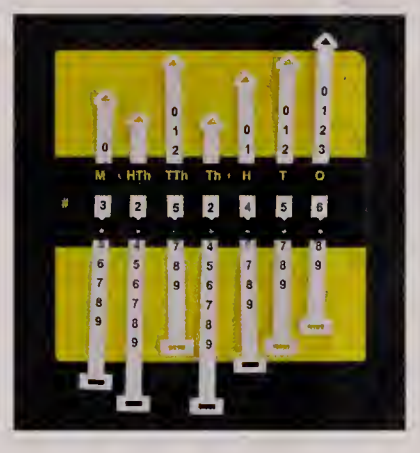
Mathematics Section Index

Abacus Basic Competency: A Counting Method 62
Abacus Made Easy, The 63
Abacuses 63
Addition and Subtraction Table Kit 56
Advanced Desktop Stick-On Number Lines 53
Analog Clock Model 64
AnimalWatch Vi Suite 49
Braille/Large Print Yardstick 61
Brannan Cubarithm Slate and Cubes 59
Clock Face Sheets in Braille 64
Consumable Hundreds Chart 56
Consumable Number Lines 52
Desktop Stick-On Number Lines 52
Draw2Measure Protractor 50
EZeeCOUNT Abacus 53
Flexible Rulers (Braille/Large Print) 61
FOCUS in Mathematics Kit, 2nd Ed 55
Fractional Parts of Wholes Set 58
Geometric Forms 57
Geometro 54
Geometry Tactile Graphics Kit 57
Graphic Aid for Mathematics 58
Hands-On Experience w/Cranmer Abacus Video 62
Large Print/Braille Toss-Away Ruler 60
MathBuilders Kits 52
Math Drill Cards 59
Math Flash Software 50
Math Robot 48
Meterstick (Braille) 61
Multiplication & Division Table Kit 56
Nemeth Code Reference Sheet 59
Nemeth Tutorial 51
Number Line Device 53
One-Foot Braille Rulers 61
Orion TI-84 Plus 53
Place Value Setter N 48
Practice2Master Fractions 49
Protractors 58
Quick Pick Series 60
Slapstack Math 51
StackUps 56
Tactile Compass for Math and Art 55
Tactile Algebra Tiles 49
Tactile Tangrams 50
Transparent CCTV Rulers 61
Textured Sorting Circles and Shapes 55
UEB Math Tutorial N 51
Using the Cranmer Abacus 62
Venn Diagram Template Kit 57

Mathematics Related Products

Bold-Line Tactile Graph Sheets 119
Braille Transcriber's Kit: Math 112
Calendar Kits 99
Card Chart Kit 99
EZ Track Financial Record Keeper 158
Feel 'n Peel Stickers 94
Graph Paper 118–119
Lots of Dots Series 42
Money Handling & Budgeting 157
Money Talks Software 157
Nemeth Code for Mathematics and Science 168
Score Card Set 161
Tactile Demonstration Thermometer 67
Tactile Treasures 35





Place Value Setter N

Students will gain knowledge of conceptual models of place value and then connect that knowledge with written representations. With its refreshable and concrete display, the Place Value Setter gives students who are blind and visually impaired, as well as their teachers, a prompt way to represent numbers using written digits.

Designed for elementary school students, especially 1st to 3rd graders, this tool is particularly useful for the following groups:

- students with blindness and low vision who need to practice quick and simple place value setting
- teachers or teaching assistants of students with visual impairments who want to set up place value problems quickly so that, in inclusive settings, their students can follow classroom instructions and participate in real time classroom activities
- for non-braille readers, such as parents and sighted students, to work together with students with visual impairments
- for students who benefit from hands-on learning to get a concrete learning experience

1-08284-00 $109.00

Math Robot (for iPad)

APH's Math Robot™ has a smart "know-it-all" math robot character that provides fun drills and practices for simple math problems. The app is both self-voicing and accessible with Apple's VoiceOver. A low vision mode adds extra contrast.

Recommended ages: 6 years and up.

Non-Quota Order

Available from the App Store: **https://itunes.apple.com/app/math-robot/id704570512**

$4.99

Quota Order

Note: Find detailed software purchasing instructions in the "How to Order" section page 181.

D-30000-APL $4.99

Practice2Master Fractions

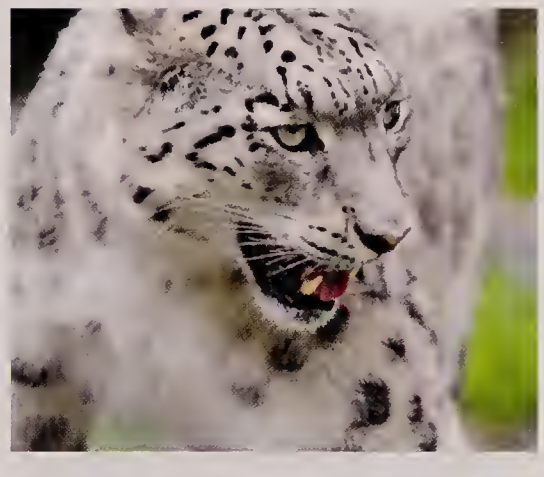
A fully accessible app that every elementary school math teacher should have in their teaching toolbox - Practice2Master Fractions helps students become proficient in fraction calculations. It supplements teachers' instructions by providing students with an unlimited number of problems to practice. App works with devices running iOS 9 or later, and is compatible with VoiceOver.

Recommended ages: 9 years and up.

Available from the App Store: **https://itunes.apple.com/us/app/practice2master-fractions/id1257764758?mt=8**

D-30030-AP FREE

AnimalWatch Vi Suite (for iPad)

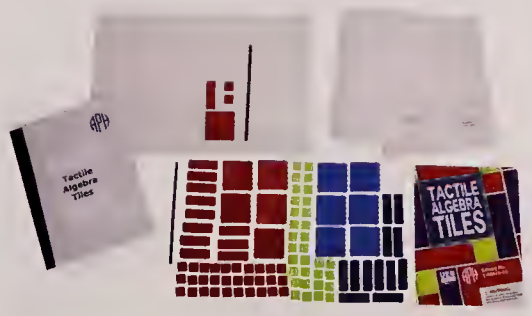


The AnimalWatch Vi Suite includes an app available from the App Store with accompanying braille and print materials. The app and materials are available for free! Students at the pre-algebra level (grades 5–7) will build their math word problem solving skills while learning about endangered and invasive species such as the black rhino, cheetah, gray wolf, and white shark.

Recommended grades: 5th to 7th (math level).

Available from the App Store: **https://itunes.apple.com/app/animalwatch-vi-suite/id1051014170?mt=8**

Tactile Algebra Tiles ⚠



Tactile Algebra Tiles is an accessible version of traditional algebra tiles, specifically designed for students who are blind and visually impaired. It includes magnetic tiles that the students can manipulate on a steel board, and uses tactile symbols to help students differentiate between tiles. Colors are chosen with consideration for the needs of students who have low vision. This product is consistent with traditional algebra tiles used by sighted students, allowing students who are visually impaired to work together with their classmates in inclusive classrooms.

1-08410-00 $159.00

Draw2Measure Protractor (for iOS devices)

This app is designed for students who are blind and visually impaired, and can be used by sighted students too! It gives students an alternative way to measure angles, thus meeting students' diverse needs in math and science classrooms. Works with devices running iOS 8 or later.

Watch a short video: **https://www.youtube.com/watch?v=D77pBfjCmMI** to see theDraw2Measure™ Protractor app in action!

Available from the App Store: **https://itunes.apple.com/us/app/draw2measure-protractor/id1097557700?mt=8**

D-30023-AP FREE

Math Flash Software

This software helps elementary students sharpen math skills with talking electronic flash cards.

This self-voicing program uses the computer's sound card to communicate instructions, drills, practice sessions, and games.

Requires a PC running Windows® 7 or later.

See page 143 for Google Action and Alexa Skill versions.

Recommended ages: 6 years and up.

CD-ROM
D-19910-01 $24.00

Digital Download
D-19910-ED $24.00

Tactile Tangrams

PARTS CVI

The materials and activities presented in APH's Tactile Tangrams make this puzzle accessible to students and adults with visual impairments and blindness. The use of tangram puzzles encourages the development and reinforcement of many educational and recreational skills, including spatial reasoning, shape recognition, size comparison, pattern replication, and independent problem solving.

1-08439-00 $195.00

Nemeth Tutorial

APH's online Nemeth Tutorial consists of over 50 lessons within 11 chapters. It shows teachers and students the rules of the Nemeth Braille code and provides exercises to help teach it.

Recommended ages: 5 years and up.

Available from APH: **tech.aph.org/nemeth**

FREE

UEB Math Tutorial

APH's UEB Math Tutorial contains over fifty lessons broken into 10 chapters that cover the rules of UEB Mathematics. This web-based program runs on any modern computer platform, works well with refreshable braille displays, and it's available free-of-charge!

Each lesson contains four sections

- Explanation
- Reading Exercises
- Writing Exercises
- Proofreading Exercises

Sighted User Features

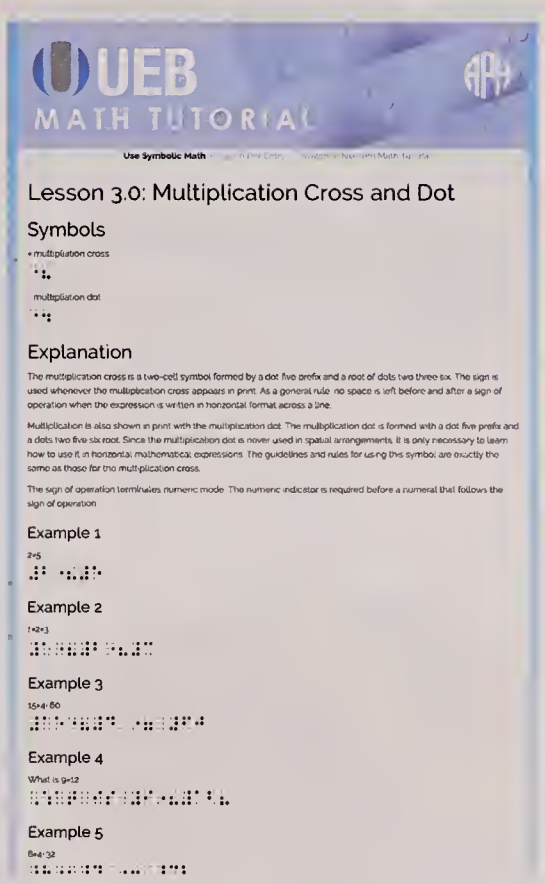
- Braille displayed with a Unicode font
- Braille can be entered with a standard QWERTY keyboard using six-key entry
- Mathematical expressions are displayed using MathML

Blind User Features:

- Works with existing screen readers on all major platforms
- Supports input and output with Braille Displays

Recommended ages: 5 years and up.

D-30032-ED FREE



Slapstack Math (for iOS devices)

Slapstack Math™ is fully accessible for all users. The goal is to collect the most points by pulling in the most cards. Two to eight players can play on the iPad®, or two to four players on the iPhone®.

Recommended ages: 7 years and up.

Available from the App Store: **https://itunes.apple.com/us/app/slapstack-math/id1209184917?mt=8**

D-30025-AP FREE

MathBuilders

This supplementary math program is separated into eight units by content standards and grade level. This allows the teacher to focus on specific standards or provide remedial material for individual students.

Recommended ages: 5 years and up.

Large Print Kit

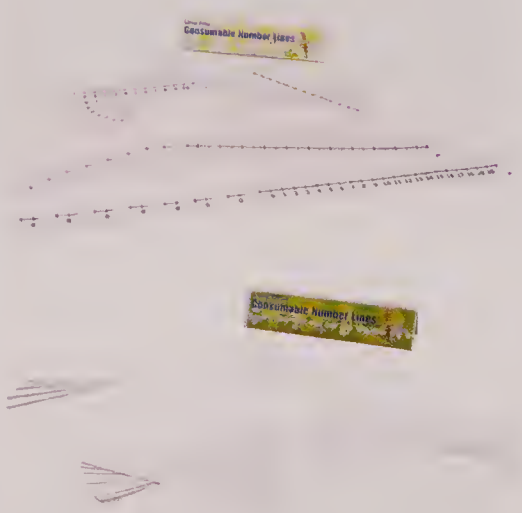
Unit 1
Matching, Sorting, and Patterning
7-03560-00 $271.00

Unit 5
Measurement and Estimation
7-03562-00 $249.00

Unit 6
Geometry
7-03563-00 $288.00

Unit 7
Fractions, Mixed Numbers, and Decimals
7-03564-00 $265.00

Unit 8
Data Collection, Graphing, and Probability/Statistics
7-03565-00 $175.00



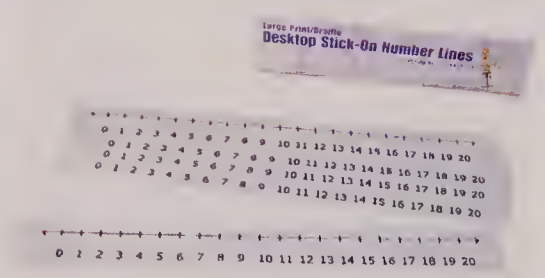
Consumable Number Lines

Reinforces beginning number concepts such as counting, sequencing, number recognition, number relationships, addition, and subtraction. Use the blank number lines to provide a concrete representation when introducing fractions, decimals, or negative numbers.

Recommended ages: 6 years and up.

Large Print
1-03012-00 $14.00

Braille/Tactile
1-03013-00 $27.00



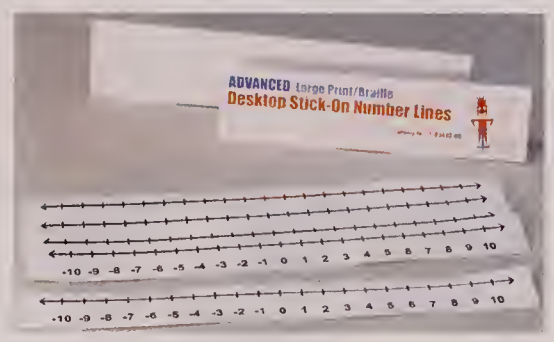
Desktop Stick-On Number Lines

Visually and/or tactually demonstrate basic number concepts. Number Lines are reusable up to five times. The adhesive will not permanently stick to surfaces. Sold in (5-pk).

Recommended ages: 6 years and up.

Large Print/Braille
1-03481-00 $22.00

Advanced Desktop Stick-On Number Lines



Visually and/or tactually demonstrate the basic concepts of negative numbers: counting, sequencing, number relationships, addition, and subtraction. Supports Common Core State Standards, Number Sense, Grades 6 & 7.

Recommended ages: 11 years and up.

Large Print/Braille (5-pk)
1-03482-00 $30.00

Number Line Device PARTS

The number line is a basic tool for teaching number concepts, number sequence, counting, addition, subtraction, multiplication, division, rounding, estimating whole numbers, common fractions, and decimals.

Recommended ages: 5 years and up

1-03480-01 $194.00

EZeeCOUNT Abacus PARTS

This abacus consists of a 10 x 10 grid of flat beads. The beads can be flipped and distinguished by color and/or texture. Each row of beads slides along an elastic band from left to right. The reverse side is a dry-erase board.

Recommended ages: 5 years and up.

1-03185-00 $70.00

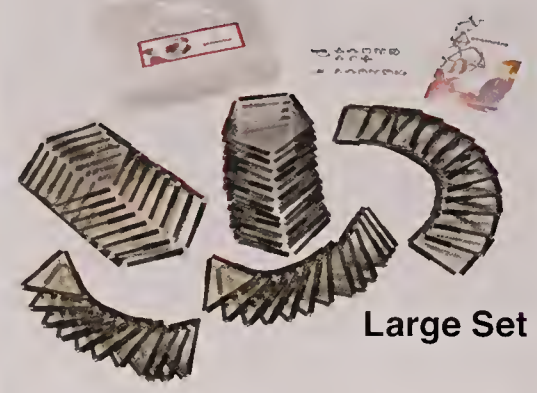
Orion TI-84 Plus Talking Graphing Calculator PARTS

The Orion TI-84 Plus™ Talking Graphing Calculator is a modified TI-84 Plus with a small attachment that adds accessibility and additional controls. APH partnered with Orbit Research® and Texas Instruments® to make this powerful calculator accessible.

Recommended for: Algebra 1&2, Geometry, Statistics/AP Statistics, Pre-Calculus, Calculus/AP Calculus, Trigonometry, Physics, and College Math.

Not Recommended for students below grade 6.

1-07340-00 $599.00


Large Set

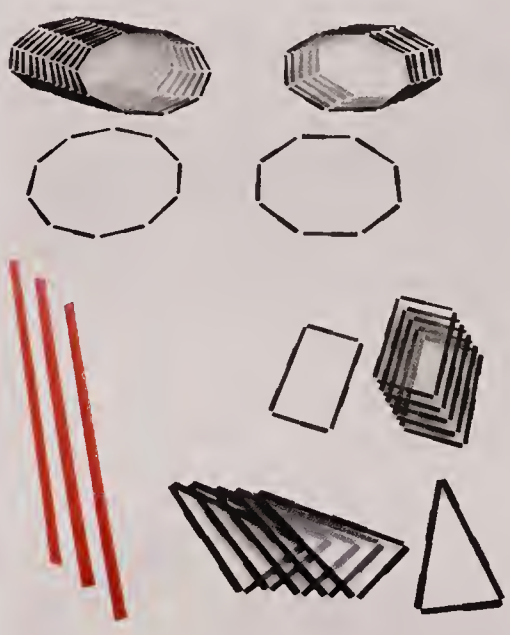
Geometro Sets

Provides hands-on experience with manipulatives that aid in teaching 3-D geometry. Geometro pieces use hook-and-loop material to adhere to each other and are easy to handle, sturdy, and safe.

Mini Set
1-03022-00 $102.00

Medium Set
1-03023-00 $133.00

Large Set
1-03024-00 $319.00



Geometro Shapes

Optional sets can be purchased in addition to the Geometro kits. These shapes can be combined with the main Geometro kits to create additional 3-D solids.

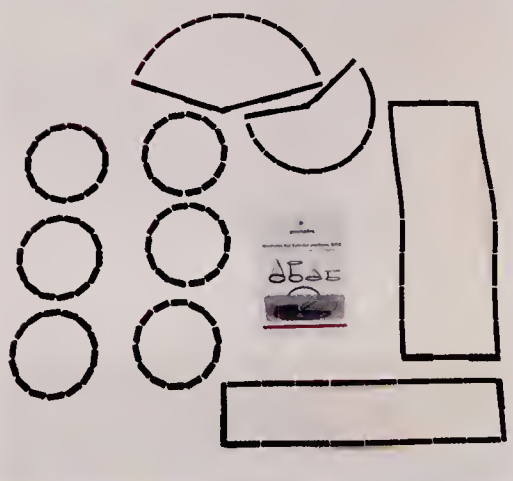
Decagons (12-pk)
1-03025-00 $223.00

Octagons (6-pk)
1-03026-00 $115.00

Hook Material Rods (3-pk)
1-03027-00 $35.00

Rectangles (6-pk)
1-03028-00 $48.00

Isosceles Triangles (6-pk)
1-03029-00 $39.00



Geometro Cylinder and Cone

These materials provide students with flat plastic shapes (six circles, two rectangles, and two circle sectors) that can be readily joined to form two cylinders and two cones.

1-03030-00 $131.00

Student Workbook Kit for Geometro PARTS

This Kit is designed for students in the elementary grades, and revolves around three kinds of 3-D and 2-D tasks. To learn more about Geometro, visit: **www.geometro.net**

1-03021-00 $358.00

Textured Sorting Circles and Shapes

These assorted shapes are provided in a variety of textures, sizes, and colors. The accompanying sorting circles are also provided in a variety of colors and textures, and can be used to create Venn diagrams.

1-08834-00 $144.00

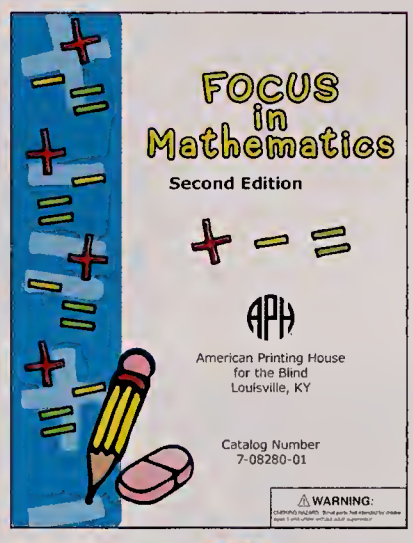
Tactile Compass for Math and Art

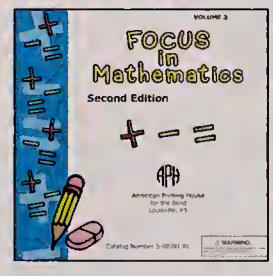
This assistive tool enables students to draw tactile circles up to 6 inches in diameter and includes tactile markings in inches and centimeters. Includes two different spur wheels to draw both single-line and double-line circles. Used in combination with braille paper or plastic film and a rubber mat (not included with this product).

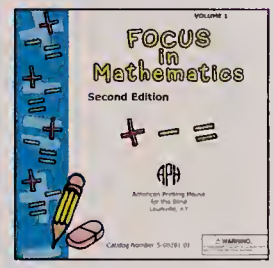
Recommended ages: 7 years and up.

1-08894-00 $62.00

FOCUS in Mathematics Kit, Second Edition





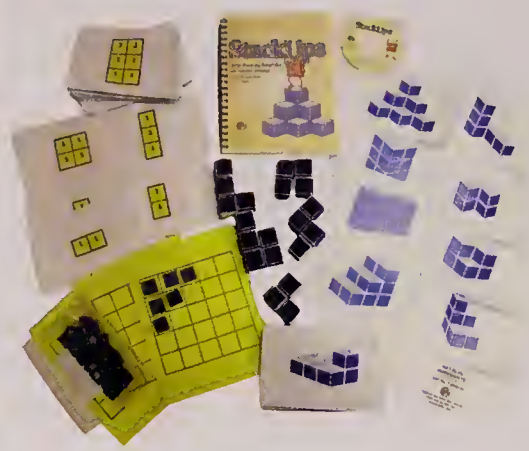


Objectives are aligned to National Council of Teachers of Mathematics Curriculum Focal Points.

Materials include hundreds of manipulative items, designed to be easily handled and offer tactile and visual contrast. Teacher materials include a Teacher's Guide, reusable student worksheets, and printable assessment checklists included on the CD.

Recommended grades: Pre-K to 1st.

1-08280-01 $727.00



StackUps: Spatial Reasoning Using Cubes and Isometric Drawings PARTS

Encourages students using 2-D and 3-D shapes to: recognize, name, build, draw, compare, and sort; describe attributes and parts, and; investigate and predict the results of putting together and taking apart.

Recommended ages: 10 years and up.

1-08960-00 $383.00

Addition and Subtraction Table

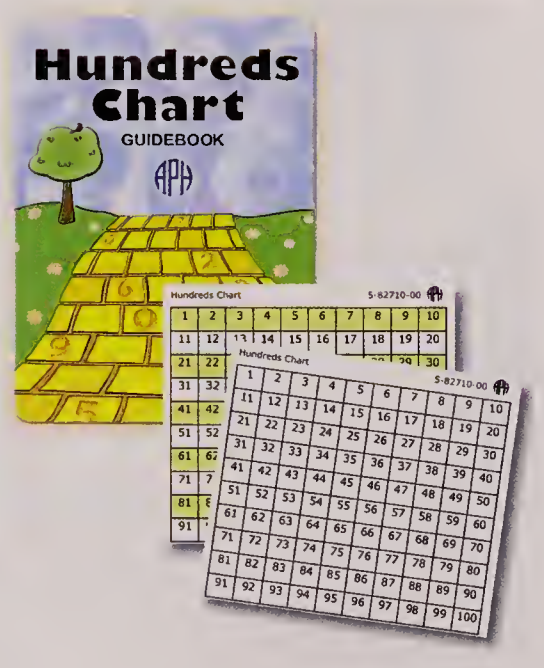
Large print/braille tool designed to reinforce the basic addition and subtraction facts. Includes 10 printed/embossed charts and a print guidebook.

5-82699-00 $32.00

Multiplication/Division Table PARTS

The chart is printed/embossed on white index stock and is 3-hole punched. Alternating rows are highlighted to help low vision students easily track numbers. Includes 10 charts (grids) and a print guidebook.

5-82700-01 $19.50



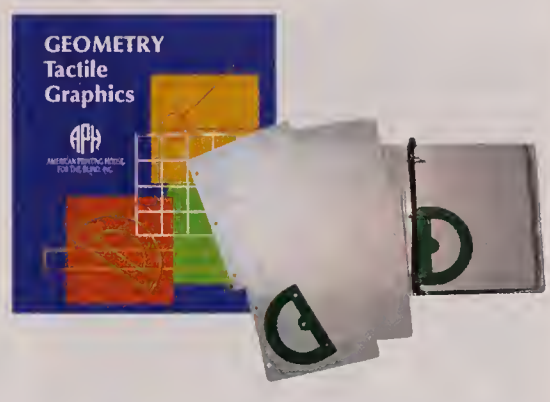
Consumable Hundreds Chart

This graphic organizer for the numbers 1–100 helps learners develop the skills they need to become flexible and fluent problem solvers and meet the requirements of many state standards as well as the Common Core State Standards.

The chart is printed/embossed on white index stock paper. Alternating rows are highlighted to help students with low vision easily track numbers. Includes 10 charts (5 with highlighting and 5 without highlighting) and a large print guidebook.

5-82710-00 $15.00

Geometry Tactile Graphics Kit

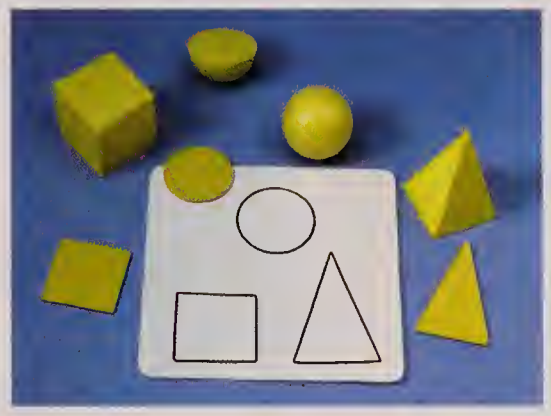


Set of thermoformed raised-line drawings depicting geometry concepts, figures, and relationships. Graphics are larger and easier for students to measure than those in braille textbooks.

Recommended ages: 12 years and up.

1-08841-00 $127.00

Geometric Forms

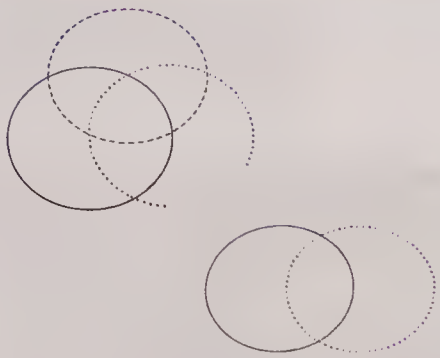


Introduces students to the circle, square, and triangle. Includes 3 plane figures, 4 solid figures, and 1 white plastic sheet illustrating the shapes in black, raised lines.

Recommended ages: 5 years and up.

1-03410-00 $52.00

Venn Diagram Template Kit



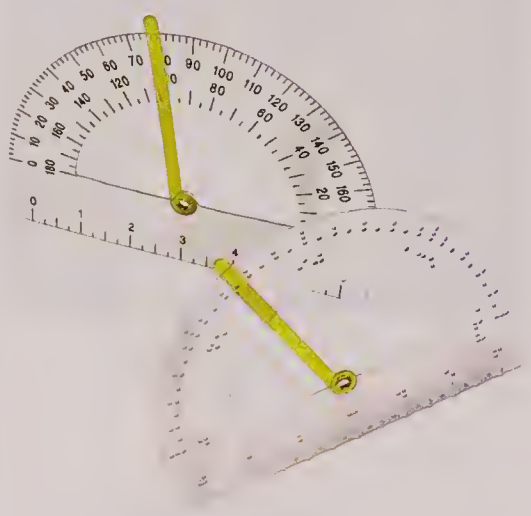
A Venn diagram or set diagram shows all possible logical relations between a finite collection of sets. Kit includes 15 sheets with two-circle diagrams and 15 sheets with three-circle diagrams, sized to allow for braille labeling in all sections and in the outer margins. The outlines of the circles are made in contrasting line styles so they are easily distinguishable, both visually and tactually. These heavy, consumable sheets may be tooled directly or used in a braillewriter. Includes a total of 30 sheets, measuring 11.5 x 11 inches.

1-04095-00 $37.00

Braille/Large Print Protractor

Bold large print numbers and raised dots mark the 180 degrees of this protractor, with markings every 5 degrees. The lines are bold and the type is 18 point. This protractor features a pivoting wand. When aligned with a certain degree measurement, the corresponding angle is created by the wand and the bottom edge of the protractor.

1-04115-00 $23.00



Large Print and Tactile Protractors

Students can use the same convenient measuring tools in both classroom and assessment situations. Both protractors are made of lightweight, clear plastic and feature a moveable, transparent yellow wand. Notches on bottom left and right allow for pinning to a surface.

Large Print Protractor (4-pk)
1-04116-00 $44.00

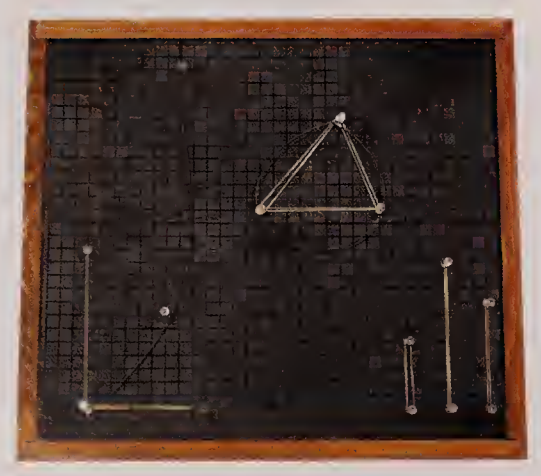
Tactile Protractor (4-pk)
1-04117-00 $43.00

Fractional Parts of Wholes Set PARTS

Tactile circles introduce the concepts of wholes, halves, thirds, and fourths. This set contains one work tray with three form boards and 3-inch diameter circles, one whole and the others cut into halves, thirds, and fourths.

Recommended ages: 5 years and up.

1-03290-00 $64.00



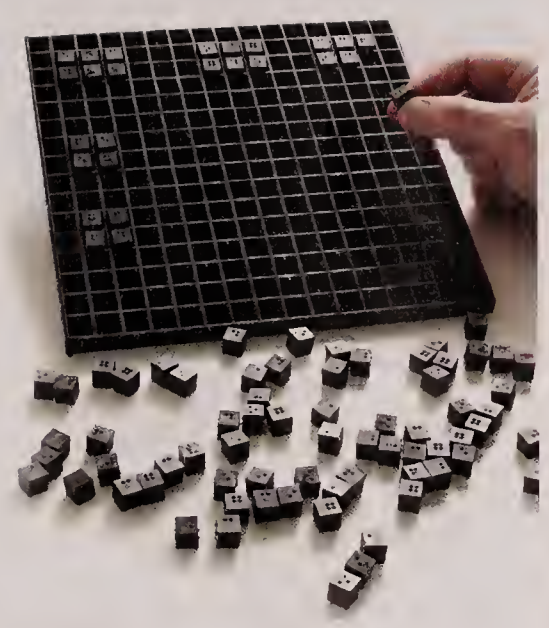
Graphic Aid for Mathematics

Construct geometric and other figures and graphs related to arithmetic, algebra, geometry, trigonometry, and calculus. Consists of a cork board mounted with a rubber mat embossed with a 34 x 30 grid of 1/2 inch squares. Included are three flat spring wires, 14 push pins, and rubber bands.

Recommended ages: 8 years and up.

1-00460-01 $221.00

Brannan Cubarithm Slate and Cubes



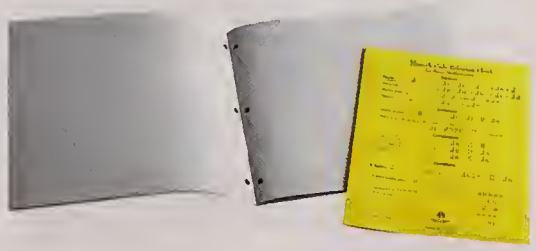
Young students may find it easier to use this device rather than a brailler to align mathematical problems. A rubber frame with a 16 x 16 grid pattern of nests will hold small plastic cubes numbered 0 through 9 in braille (no print). Frame and cubes are sold separately.

Recommended ages: 6 years and up.

Cubarithm Slate
1-00320-00 $26.00

Plastic Cubes Set of 100
1-00330-00 $21.00

Nemeth Code Reference Sheet for Basic Mathematics



Listing of common symbols from the Nemeth Braille Code for Mathematics.

Print
7-87500-00 $15.00

Braille
5-87400-00 $15.00

Math Drill Cards in Braille and Large Print

These handy math skills reinforcing cards are sold in five separate sets. Number & Math Sign set have a math sign or number sign in braille and large print and braille on opposite sides. Has a math fact with the answer on opposite sides. Braille is Nemeth Braille Code for Mathematics.

Recommended ages: 5 to 10 years.

Note: Some assembly required. These cards can be used with APH's Card Chart Kit, 1-03550-00.

Number & Math Signs
1-03551-00 $17.00

Multiplication
1-03554-00 $15.00

Addition
1-03552-00 $15.00

Division
1-03555-00 $13.00

Subtraction
1-03553-00 $16.00

Quick Pick Math

This math game consists of a plastic packet with 50 large print/braille cards. To play, the student inserts the included tool in one of four holes in the front of the plastic packet. If the answer is correct, the card will slide out. If the answer is incorrect, the card will not pull out. Transcribed in Nemeth Braille.

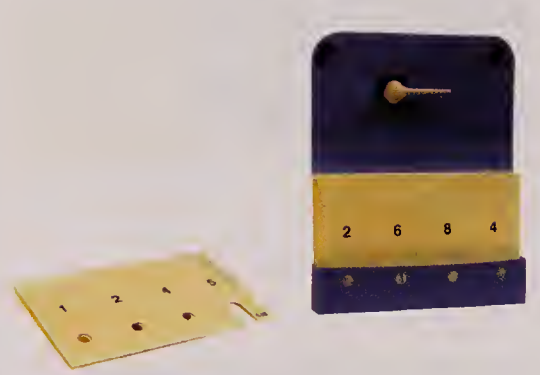
Recommended ages: 5 years and up.

Addition
1-03570-00 $59.00

Subtraction
1-03571-00 $60.00

Multiplication
1-03572-00 $60.00

Division
1-03573-00 $60.00



Quick Pick Counting

A game designed to help young children learn to count to 12 with raised-line symbols and braille numbers.

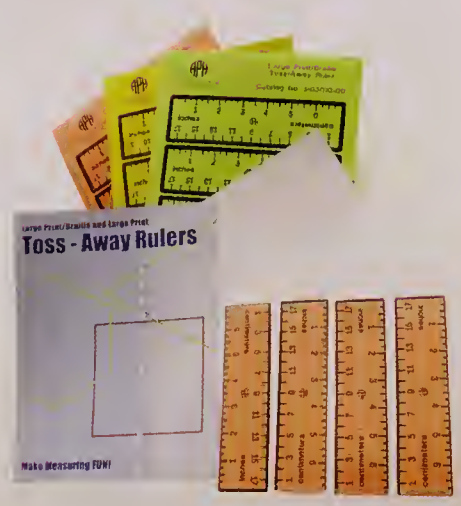
Recommended ages: 4 years and up.

1-03574-00 $50.00

Quick Pick Cards Set, Blank

Includes 50 blank game cards that can be used with the Quick Pick Game series.

1-03577-00 $7.00



Large Print/Braille Toss-Away Ruler

This ruler, with markings in both large print and braille, is designed for the classroom or testing and assessment situations where an inexpensive measuring device is needed. 7-inch rulers marked with centimeters and inches are printed/embossed on assorted bright colors of heavy paper with high contrast numbers.

Rulers (24-pk)
1-03010-00 $16.00

Flexible Rulers (Braille/Large Print)

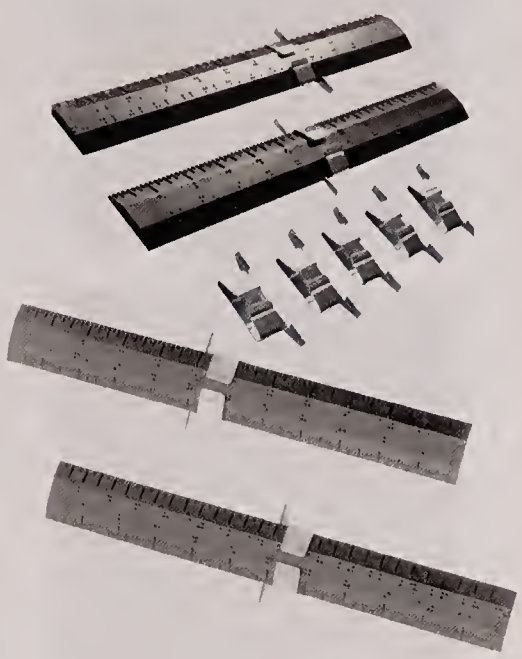
These flexible rulers allow tactual and visual measurement of flat or curved surfaces.

Recommended ages: 5 years and up.

18-Inch (5-pk)
1-03050-00 $10.00

30-Centimeter (5-pk)
1-03031-00 $9.00

1-Foot Braille Rulers



Plastic rulers taper on the edge. A metal caliper slide to aid in accuracy is included. Offered in Metric-English and English.

Recommended ages: 5 years and up.

Metric-English Measurement Ruler
1-03100-00 $12.00

English Measurement Ruler
1-03070-00 $12.00

Meterstick (Braille)

Plastic, drilled for hanging, with raised lines every centimeter, and braille every other centimeter; thick raised lines for decimeters.

Recommended ages: 5 years and up.

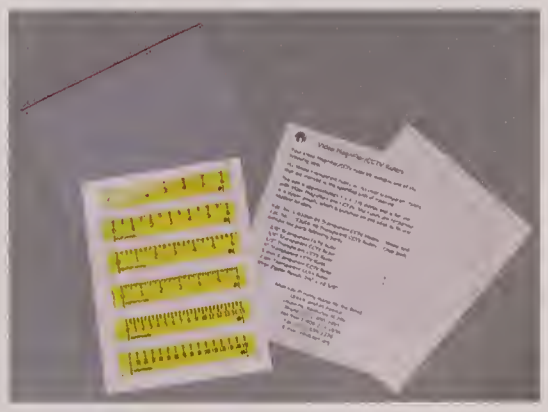
1-03000-00 $25.00

Braille/Large Print Yardstick

Made of durable white plastic, drilled for hanging. Has raised-line markings along one edge in ¼ inch increments, with braille marking every inch. Black large print markings are along the opposite edge in 1/4 inch increments.

1-03002-00 $27.00

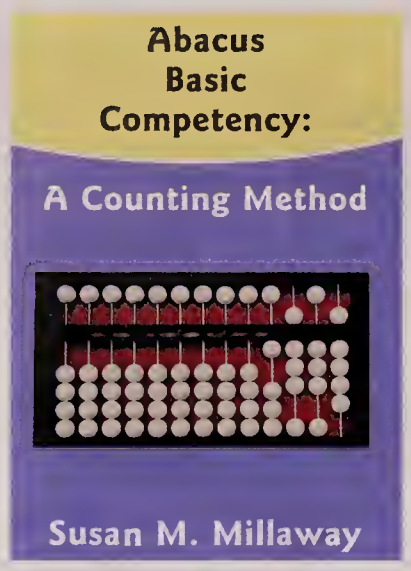
Transparent CCTV Rulers



These flexible, see-through vinyl rulers make it easier to measure items magnified by a CCTV (closed-circuit television). Each includes a set of 6 rulers.

Yellow
1-03008-00 $15.00

Clear
1-03009-00 $14.00

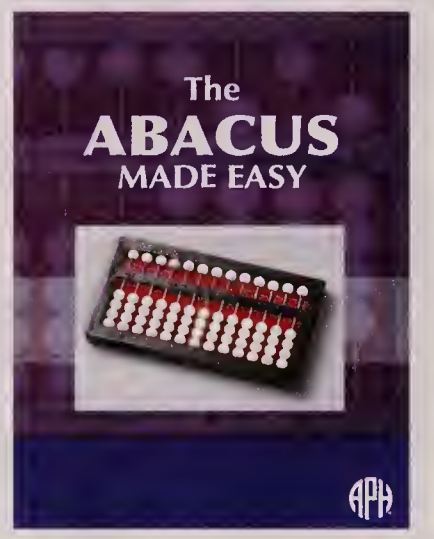


Abacus Basic Competency: a Counting Method

Teaches abacus skills in the four basic math operations. This abacus instructional system uses the Counting Method instead of the traditional indirect method.

Large Print
7-00219-00 $17.50

Braille
5-00219-00 $36.00



The Abacus Made Easy

A simplified manual for teaching the Abacus.

Note: APH does not carry the braille edition of this manual in inventory for immediate delivery – when you order it, we will produce it for you as a special order; therefore, allow several weeks for delivery.

Large Print
4-00100-00 $51.00

Braille
5-00220-00 $79.00

Using the Cranmer Abacus for the Blind

This manual instructs users who are blind or visually impaired in the use of the Cranmer Abacus. Gives instructions on how to add, subtract, multiply, divide, extract roots, compute decimals and fractions, and use the abacus as a calendar. Practice exercises are included.

Note: APH does not carry this publication in inventory for immediate delivery – when you order it, we will produce it for you as a special order; therefore, allow several weeks for delivery.

Large Print
4-27110-00 $81.00

Braille
6-50100-00 $45.00

Hands-on Experience With the Cranmer Abacus

The concepts and skills covered in this DVD and accompanying booklet include how numbers are represented and how to perform the four basic math functions on the Cranmer Abacus.

1-30004-DVD $25.00

APH Offers Four Abacuses to Address a Variety of Needs

Each abacus consists of a black frame with white beads that slide against a red felt backing. The red felt background provides a good visual contrast and prevents beads from slipping.

Beginner's Abacus

Reinforces beginning mathematical concepts, includes print guidebook. Braille guidebook available separately.

Recommended ages: 5 to 7 years.

1-03180-00 $30.00

Expanded Beginner's Abacus Kit

This abacus lends itself to preparing a young student for the Cranmer Abacus. The simple design allows for enhanced readability for "little fingers." Includes print guidebook. Measures 5.37 x 3.25 x 0.75 inches.

Recommended ages: 5 to 7 years.

1-03181-00 $41.00

Cranmer Abacus

A 13-rod abacus, beads have a 3/8 inch diameter. An optional metal coupler is available for linking two abacuses together.

Recommended ages: 5 years and up.

1-03150-00 $36.00

Large Abacus

Young students and those without fine motor skills can benefit from this large 13-rod abacus. Beads are ½ inch in diameter.

Recommended ages: 5 years and up.

1-03170-00 $39.00

Analog Clock Model

Helps teach time-telling concepts. Has braille and raised large print markings, and hands that are easily rotated. Model has no motor.

Recommended ages: 6 to 10 years.

1-03125-00 $10.00

Clock Face Sheets In Braille

Each sheet contains four embossed braille clock faces. Clock hands can be added to these blank clock faces. Embossed on 11 1/2 x 11 inch manila transcribing paper (25-pk), 3-hole punched.

Recommended ages: 6 to 10 years.

1-03111-00 $16.00

Important Icon Legend

CVI Icon

Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

Safety Warnings Icon

Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

UEB Icon

Products with this icon are transcribed in Unified English Braille (UEB).

Replacement and Optional Parts Available Icon

Products with available replacement parts are marked with this icon. Refer to the Replacement Parts Catalog on our website.

Downloadable Manuals

Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit **aph.org** to download a manual.

New Product

Revised Product

Science and Health Section Index

Adapting Science for Students w/VI 69
Adapted Science Materials Kit N 66
Basic Science Tactile Graphics 69
Basic Tactile Anatomy Atlas 69
DNA-RNA Kit 67
DNA Twist 67
Earth Science Tactile Graphics N 68
Genetic Code Large Print Braille 70
Life Science Tactile Graphics 69
Light In-Sight: Reflection & Refraction Kit 67
Periodic Table of the Elements 70
Protein Synthesis Kit 66
Sense of Science Series 71
Tactile Demonstration Thermometer 67
Tactile Punnett Squares 70
Touch, Label, & Learn Poster 70

Science and Health Related Products

Calendar Kits 99
Card Chart Kit 99
Nemeth Code for Mathematics and Science 168
Nemeth Tutorial 51
Orion TI-84 Plus Talking Graphing Calculator 53
Paint by Number Safari Series 76
Portable Sound Source 81
Wooden Junior Constructo Set 164

Adapted Science Materials Kit N

Designed for K-12 students, this Kit includes many items originally devised by educators at the Lawrence Hall of Science in Berkeley, California, and enables students with visual impairments to participate in science lessons and experiments alongside their sighted peers. All items fit in the APH Innovations Tote Bag.

Includes

- Waterproof Information Card
- Modified 1 L and 100-ml plastic beakers
- 100 ml and 50 ml plastic graduated cylinders with tactile braille scale floats
- 50 ml syringe with stop
- Balance with beam, base, and cups
- Mass set with 1-, 20-, 10-, and 5-g mass pieces
- Funnel stand
- Talking Celsius/Fahrenheit digital thermometer
- APH sorting trays
- Histogram board with stickers
- Large print braille meter tape with 0.5- and 1-cm gradations

1-08997-00 $259.00

Protein Synthesis Kit PARTS

This Kit is an accessible, interactive model that expands on the molecular biology concepts introduced by the DNA-RNA Kit. The Protein Synthesis Kit includes jigsaw puzzle-like pieces representing transfer RNA nucleotides, Stop and Start subunits, all twenty amino acids, and the APH Genetic Code Large Print Braille.

1-08975-00 $289.00

DNA Twist

Demonstrates an accessible structure of the DNA molecule. Shipped flat and easily twists to form the familiar double-helix configuration. The included stand holds the model in its twisted shape. A large print instruction booklet provides information about DNA and educational resources.

1-08978-00 $57.00

DNA-RNA Kit PARTS

This Kit provides students with a sturdy and dependable model, improving on other available molecular biology models.

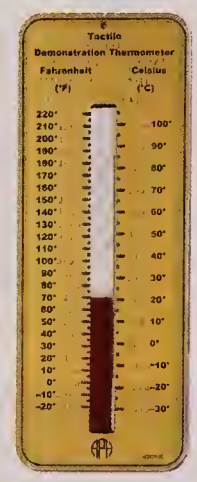
1-08979-00 $127.00

Tactile Demonstration Thermometer CVI

Allows students to independently read, set, and compare temperatures. Has a two-textured, two-colored adjustable "mercury column" with an easy-grip tactile indicator and comparable Fahrenheit and Celsius scales presented in both large print and braille.

Recommended ages: 6 years and up.

1-03020-00 $121.00

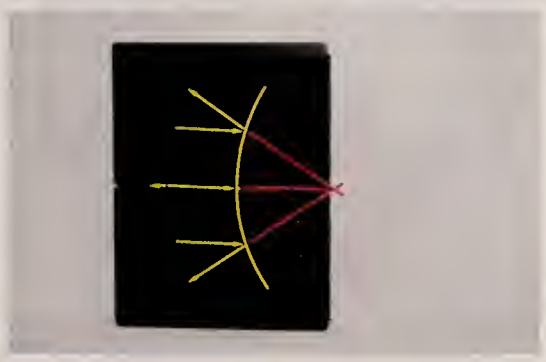


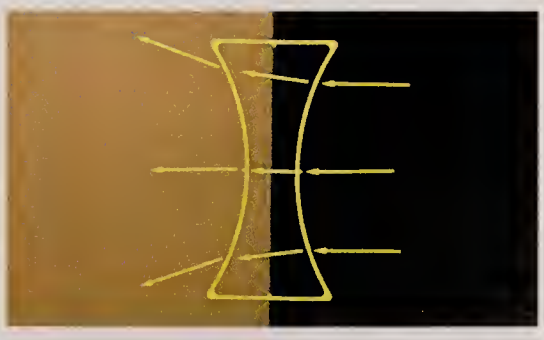
Light In-Sight: Reflection & Refraction Kit

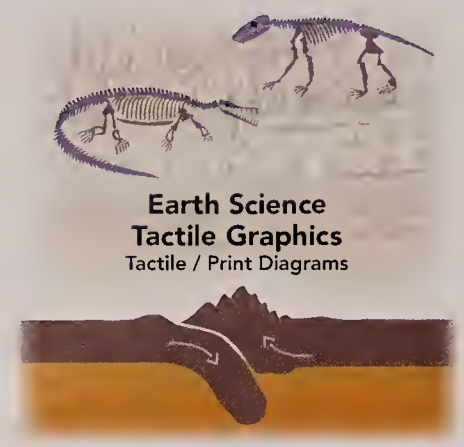
This Kit enables science and physics students who are visually impaired to construct ray diagrams related to light reflection and refraction. Unlike other tactile graphics, which are often static, diagrams constructed using this product are malleable, making the teaching and learning process interactive and dynamic.

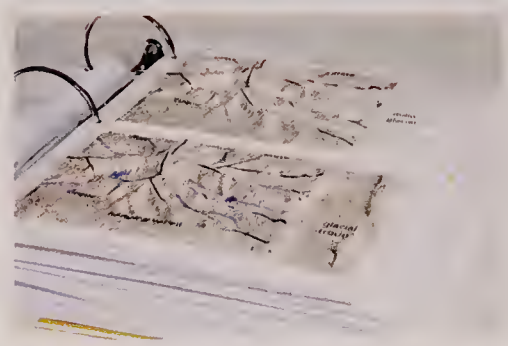
Recommended ages: 12 years and up.

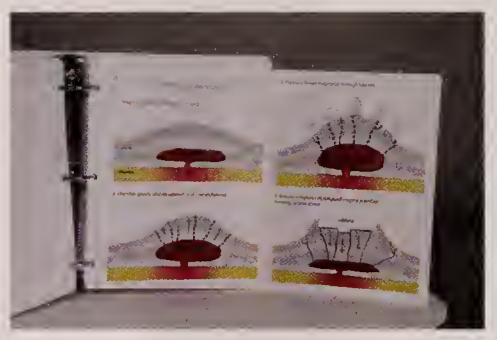
1-08286-00 $199.00

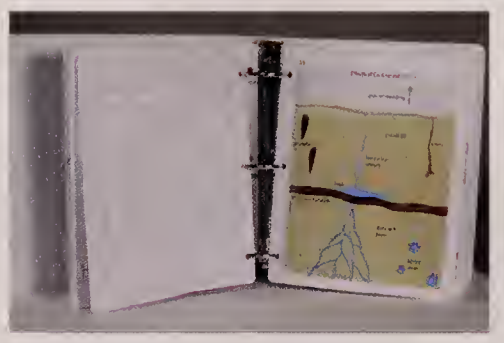












Earth Science Tactile Graphics

This collection of vacuum-formed, full-color, raised-line tactile graphics related to Earth Science serves as a reference volume intended to supplement the graphics in a student's classroom textbook.

The graphics included in this kit are rendered in full color with several types of lines and textures, in addition to differing heights. Diagrams are labeled in print and braille, and teachers can add to, or change, the labels with self-adhesive braille label material. All tactile graphics are printed and vacuum-formed using sturdy, high-grade plastic, and are three-hole punched to place in a binder.

Instructional hints are provided for each tactile graphic in the Teacher's Guide, which is included in the binder. Teachers are encouraged to use the tactile images to augment lessons for students who are not using standard printed textbook diagrams. Effective use of the tactile images depends on a foundation of tactile reading skills, student's hands-on experiences, and verbal descriptions from the teacher. The large print Teacher's Guide is also available in accessible HTML and BRF formats on the APH Website with purchase of the product.

Some topics covered by this set of tactile graphics are

- The Rock Cycle
- Earth's Internal Structure
- Convection Currents in Earth's Mantle
- Continental Drift
- Radioactive Decay
- Geologic Time Scale
- Glaciers
- Volcanoes
- Fault Types
- Isotherms
- Tectonic Plate Boundaries
- Water Cycle
- Carbon Cycle
- Groundwater Features
- Weather Fronts
- The Greenhouse Effect
- Internal Structure of Terrestrial Planet
- Composition of Gas Giants
- Hertzsprung-Russell Diagram
- Structure of a Comet

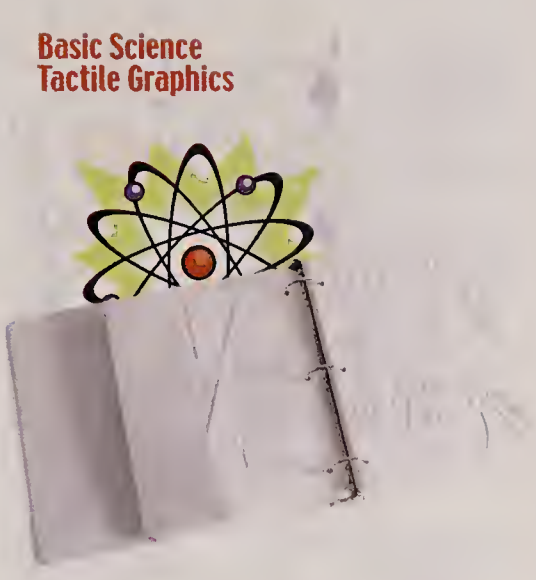
1-03131-00 $449.00

Basic Science Tactile Graphics

Basic Science Tactile Graphics are vacuum-formed, raised-line drawings depicting objects, concepts, and relationships that are covered in nearly all elementary science textbooks.

They are intended to supplement, not replace, the graphics in a student's adapted textbook. Instructional hints and suggestions are given for each tactile drawing. Includes 52 graphics.

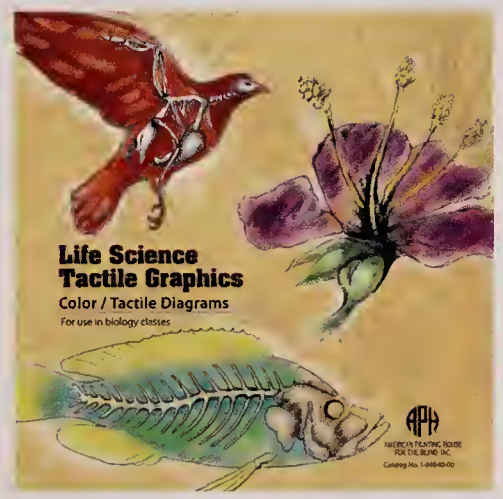
1-08850-00 $135.00



Life Science Tactile Graphics

Vacuum-formed, full-color, raised-line tactile graphics intended to supplement the figures and diagrams in life science textbooks. Life Science Tactile Graphics depict organisms, processes, concepts, and patterns which are typically covered in middle and high school life science courses. Includes 56 graphics. Braille Teacher's Guide available as a free download.

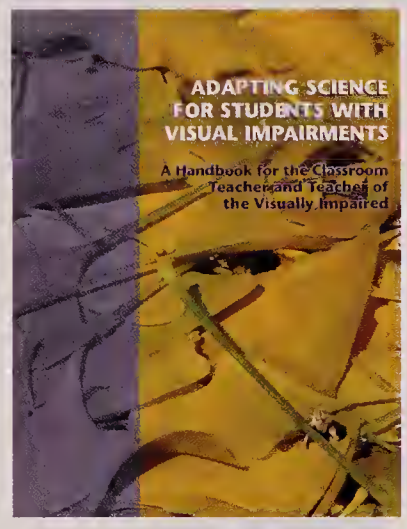
1-08840-00 $409.00



Adapting Science for Students With Visual Impairments: A Handbook for the Classroom Teacher and Teacher of the Visually Impaired

Designed to assist teachers, particularly those with minimal science background and/or Vi experience, in making operational science activities accessible to students who are visually impaired and blind. The handbook is sold with 5 each of the Advanced Preparation and Skills Checklists, which are also available separately.

7-00000-00 $98.00

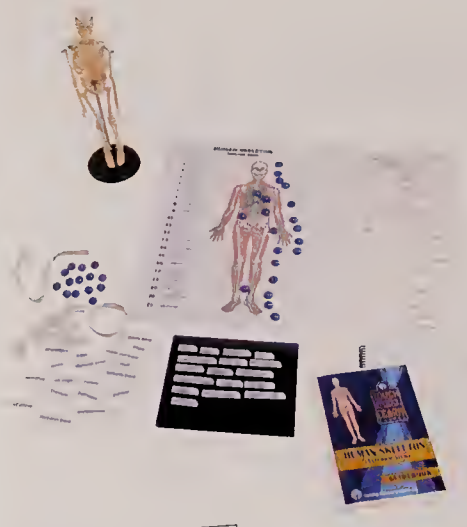


Basic Tactile Anatomy Atlas

This two-volume set of thermoformed tactile graphics gives a comprehensive overview of the human body. Each tactual diagram has braille and print labels with a brief braille description. A print version of each brailled text is included.

Recommended ages: 12 years and up.

1-08845-00 $318.00

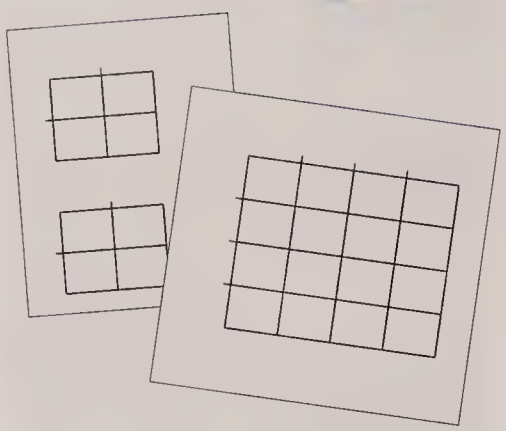


Touch, Label, and Learn Poster: Human Skeleton (Anterior View)

This kit provides an interactive presentation for reviewing the names, locations, and relationships of human skeletal bones. Poster has a dual tactile/color design.

Recommended ages: 8 years and up.

1-08976-00 $179.00



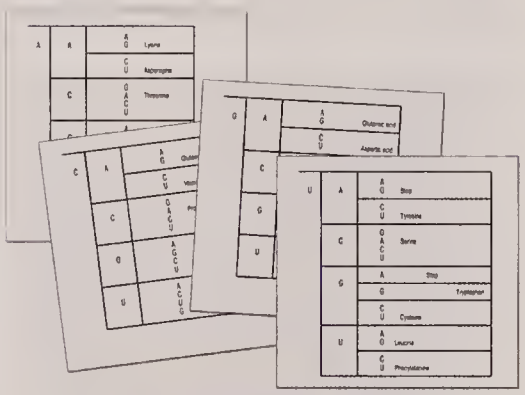
Tactile Punnett Squares

A Punnett Square is a diagram that is used by biologists to determine the probability of offspring genotypes. The Punnett Square is a visual representation of Mendelian inheritance. Printed and embossed on 90 lb. 8 1/2 x 11 inch paper; 25 sheets per resealable envelope.

Recommended grades: Middle through high school.

4-Box Punnett Squares
1-08890-00 $27.00

16-Box Punnett Squares
1-08891-00 $27.00

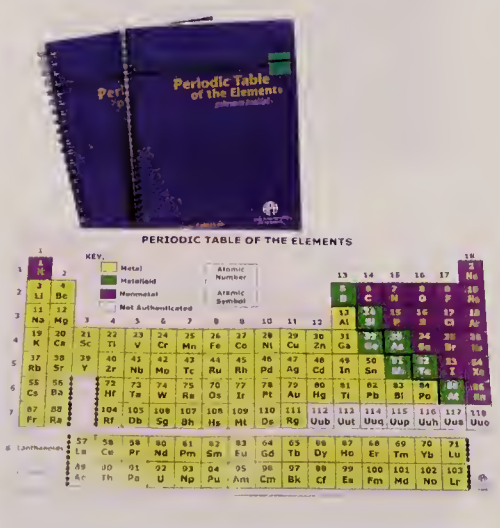


Genetic Code, Large Print-Braille

The genetic code is the set of rules by which information encoded within genetic material (DNA or mRNA sequences) is translated into proteins (amino acid sequences) by living cells.

Recommended grade: High school.

1-08977-00 $42.00



Periodic Table of the Elements Reference Chart and Booklet

This reference table is a durable and colorful print/braille chart. It comes with a reference booklet in print or in braille (you choose the format) that contains additional tables listing the elements. Measures 22 1/2 x 13 inches.

Reference Chart w/Booklet in Print
7-08855-00 $44.00

Reference Chart w/Booklet in Braille
5-08855-00 $53.00

Sense of Science Series

Sense of Science is a hands-on, multi-sensory series designed to make the world of science accessible, understandable, and enjoyable.

The main component in each Sense of Science kit is a set of colorful, raised-line overlays designed to be used with a light box, or as stand-alone items. An accompanying large print guidebook (braille edition available separately) suggests activities using the overlays and supplemental teacher-provided materials to enhance and extend the learning experience. Each kit comes with two work trays and a variety of visual tactile overlays.

Sense of Science: Plants PARTS

A unique science series for students with visual impairments and other students who may benefit from a multi-sensory approach to learning.

Recommended ages: 5 to 10 years.

1-08980-00 $363.00

Sense of Science: Animals PARTS

Activities incorporate a step-by-step procedure, an extended activity, a visual adaptation, math and language connections, and a “science tidbit.”

Recommended ages: 5 to 10 years.

1-08990-00 $562.00

Sense of Science: Astronomy PARTS

This set of materials is appropriate for a broader range of ages and grade levels of students with visual impairments and blindness. Activities are complemented by the included visual/tactile overlays and fold-out 2-D displays.

Recommended ages: 8 years and up.

1-08991-00 $379.00

Social Studies: History, Geography, and Economics Section Index

Interactive U.S. Map with Talking Tactile Pen 74
National Geographic Picture Atlas 73
State Maps Collection 74
Tactile World Globe 73
U.S. Puzzle Map 74
U.S. & Canada Tactile/Print Atlas 74
World at Your Fingers 73
World Maps 73

Social Studies Related Products

Braille Transcribers Kits 112
Calendar Kits 99
Nearby Explorer 137–138

Tactile World Globe

Offers more tactile and braille information than provided by previous APH tactile globes. A clear plastic overlay covers a standard 12-inch political globe with a non-skid wood base.

Includes

- Raised topographical and area, with all continents labeled in braille
- Major oceans labeled in braille
- Raised latitude and longitude lines labeled in braille (as space accommodates)
- Discernible, contrasting raised lines for the Equator, International Date Line, Prime Meridian, Tropic of Cancer, and Tropic of Capricorn

Recommended ages: 10 years and up.

1-01551-01 $139.00

World Maps

Thermoformed on durable 11.5 x 11 inch vinyl, these tactile maps are a comprehensive aid to geographic instruction and orientation. With tactile maps of all the continents, regions, and countries of the world, these maps use clear variations in height and texture. Labeled in braille, the facing pages have key information in braille and large print.

5-06001-00 $165.00

National Geographic Picture Atlas of our Fifty States, Braille Edition

Comprehensive braille/tactile atlas has detailed maps and information for each state. Three maps of each state.

Recommended ages: 6 years and up.

5-87431-00 $519.00

World at Your Fingers

This large tactile reference map shows the major oceans and land masses using high-contrast raised surfaces, braille and print labels, and textured lines and areas. It also shows major mountain ranges, rivers, and lines of longitude and latitude.

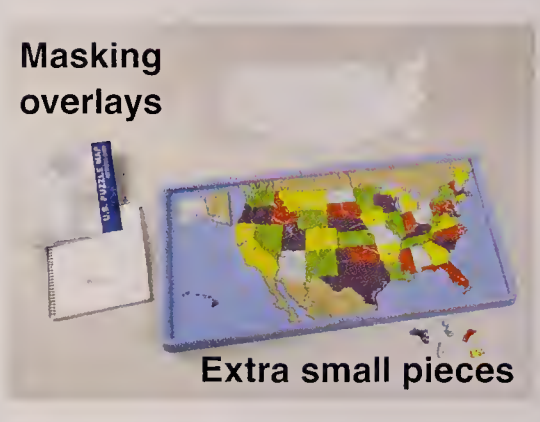
1-01190-00 $132.00

U.S. & Canada Tactile/Print Atlas

The U.S. & Canada Tactile/Print Atlas is a reference volume of thematic maps for use in geography, history, or social studies classes, or for general informational use outside the classroom.

Recommended ages: 11 years and up.

1-01920-00 $161.00

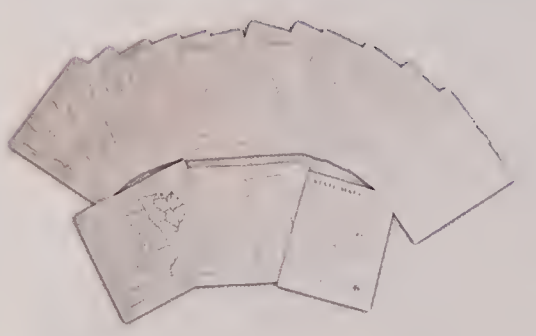


U.S. Puzzle Map

This take-apart topographical map of the United States measures 32 1/2 x 18 inches and has many features to help make learning fun for all students.

Recommended ages: 7 years and up.

7-01140-00 $446.00



State Maps Collection

Each State Maps Collection is a set of embossed and printed outline maps for a region of the United States. Add to the images with tracing wheel lines, craft ink, glued-on textures, etc. Add braille labels as needed.

Northeast Region
1-04110-00 $45.00

Southeast Region
1-04111-00 $45.00

Central Region
1-04112-00 $45.00

Western Region
1-04113-00 $44.00

Interactive U.S. Map With Talking Tactile Pen

This map's combination of tactile, visual, and audio feedback allows for independent, self-guided study by students and adults with visual impairments, as well as by sighted peers. The Talking Tactile Pen is a non-writing stylus.

Recommended ages: 8 years and up.

1-01150-00 $276.00

Fine Arts Section Index

Braille Beads: APH Starter Kit 77
Color-by-Texture Circus Coloring Pages 77
Color-by-Texture Marking Mats 77
Paint by Number Safari
Tropical Rainforest 76
Under the Sea N 76
Paint Pot Palette 77
Time for Art 76

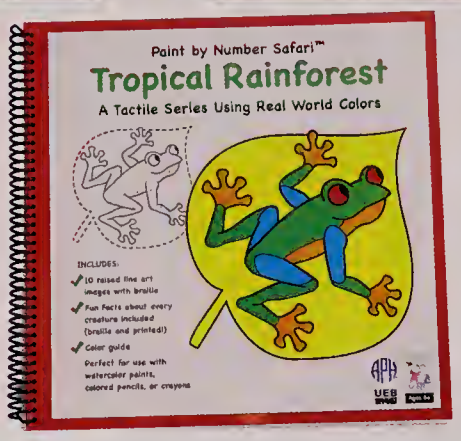
Fine Arts Related Products

APH InSights Art Calendar 171
DRAFTSMAN Tactile Drawing Board 97
Feel 'n Peel Sheets: Carousel of Textures 95
Picture Maker 141
Quick-Draw Paper 98
Sticky Dots Adhesive 41
Tactile Compass for Math and Art 55
Tactile Graphic Line Slate 93

Paint by Number Safari™

Learn about art, nature, and colors with the Paint by Number coloring series! Each Paint by Number set includes 10 raised-line drawings of real-world subjects that are printed and embossed on heavy paper, with fun facts in both print and braille, and a color guide.

Recommended ages: 6 years and up.



Tropical Rainforest UEB

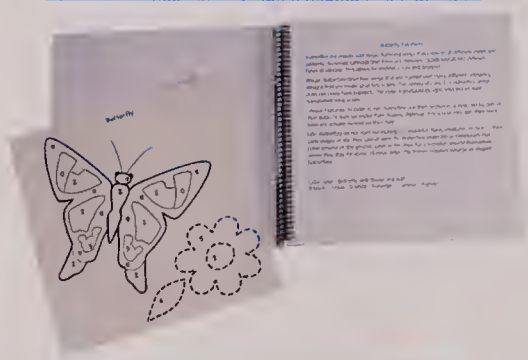
Wide, solid, embossed lines identify the animal, and thin embossed lines depict color separation on the animal's body. The dashed lines identify background images such as leaves, branches, and flowers. Solid raised areas identify parts of the images that are too small to fill with color, such as small bugs and small body parts.

1-03934-00 $39.00

Under the Sea N UEB

Students will enjoy perfecting their art skills as they learn about the colors and creatures found under the sea. Wide, solid, embossed lines identify the sea creature, while thin embossed lines denote color separation on the creatures' body. Dashed lines identify background images, and solid, raised areas identify parts of the images that are too small to fill with color.

1-03936-00 $39.00



Time For Art: Projects and Lessons for Students With Visual Impairments

A handbook for teachers and parents that explains how to instruct students with visual impairments in art, how to handle the media being explored, and points to consider in art program planning.

Companion lessons are offered for each project and often explore other areas such as science, history, or mathematics.

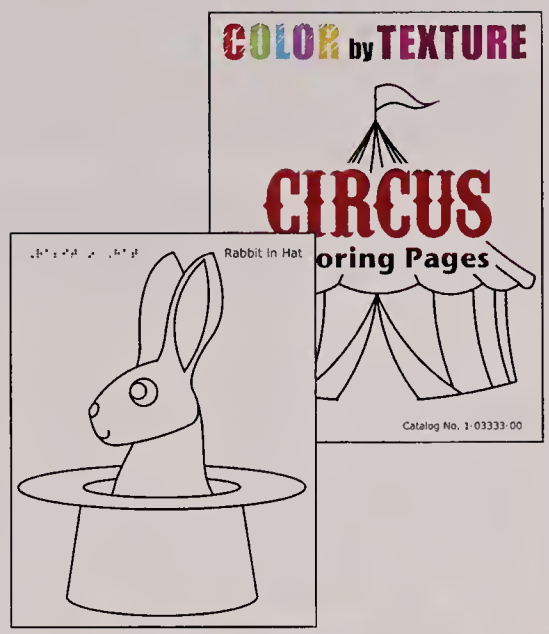
8-03800-00 $26.00

Color-by-Texture Circus Coloring Pages

These theme-based coloring pages complement APH's Color-by-Texture Marking Mats. These raised-line coloring pages facilitate a variety of art activities for young children and students who are visually impaired and blind.

Recommended ages: 6 years and up.

1-03333-00 $27.00



Color-by-Texture Marking Mats

The primary goal of this product is to invite tactile learners to be active participants in art activities by making their own choices based on color and texture preferences.

The textured mats and related items can also be used by adults for more sophisticated art creations. The kit is ideal for promoting shared art experiences within a variety of instructional settings with sighted peers.

1-03332-00 $144.00

Paint Pot Palette: Creating Art Through Touch

Includes a set of custom-made, whimsical drawings by San Francisco artist Debi Harrison titled Color SENSEation. The pictures are printed and embossed on heavy paper; each picture is titled in print and braille. The embossed lines make it easy to trace the subjects with the fingers and then follow with a crayon or paint brush. Paint Pot Palette is a collaboration between PlayAbility Toys and APH. Replacement parts are available from PlayAbility Toys, **www.PlayAbilityToys.com**

1-03933-00 $53.00

Braille Beads: APH Starter Kit

These small, plastic rectangular beads have braille on one side and incised print letters on the other. Kit also includes fun image beads. Braille Beads measure 10mm tall x 8mm wide x 5mm deep (braille height is 0.52mm)

Recommended ages: 5 years and up.

1-08879-00 $229.00

Business and Vocational Education Section Index

FoldRite Letter Folding Tool 78
Prevocational Skills Development Materials ... 78

Business and Vocational Education Related Products

Analog Clock Model 64
Braille
- DateBook 155
- Pocket Folders 120

EZ Track Products 158
JAWS and ZoomText 145
Keitzer Check Writing Guide 154
Learn Keys: Verbal Keyboard Feedback 101
MiniBook Braille Quick-Note Products 155
Money Handling and Budgeting 157
Super-Sized Folders 120
Transition Tote System 149
MATT Connect 143
Wooden Junior Constructo Set 164

FoldRite: Letter Folding Tool

Made of durable plastic, designed to make folding 8 1/2 x 11 inch paper a snap. Consists of two plastic, hinged plates. Letters can be tri-folded by placing the paper between the plates and folding the FoldRite over twice. Can also be used to create strips of blank braille paper that fit into a business envelope.

1-08009-00 $5.00

Prevocational Skills Development Materials PARTS

Designed for multi-handicapped students, this kit and other materials suggested in the guidebook helps develop manipulative skills, such as matching, sorting, counting, assembling, and packaging.

Recommended ages: 10 years and up.

1-08000-00 $473.00

Physical Education Section Index

APH Sound Balls 80
Everybody Plays! 80
Games for People with Sensory Impairments 80
Going Places 81
Gross Motor Development Curriculum 81
Jump Rope to Fitness Kit 82
Portable Sound Source 81
Rib-It-Balls 80
30-Love Tennis Kit 82
Walk/Run for Fitness Kit 82

Physical Education Related Products

Push Button Padlock 159

APH Sound Balls

Features dual speakers and volume; two colors/two distinct sounds; two-tone sound, non-toxic/latex-free materials; durable; 7 1/2 inches in diameter.

Boing Boing (Yellow)
1-07510-00 $122.00

Techno Beat (Red)
1-07516-00 $122.00

Rib-It-Balls

These fun balls are easy to grab and have high contrast ribbing. “Crinkly” fabric in the ribs adds an auditory component. These inflatable, latex-free multicolored balls have been designed in two-color combinations, making them easier for visual orientation, and are available in three sizes.

14-Inch
1-07513-00 $27.00

18-Inch
1-07514-00 $43.00

30-Inch w/Pump
1-07515-00 $75.00

Everybody Plays! How Kids With Visual Impairments Play Sports

A fun storybook that follows an elementary school-age child to a sports camp for children who have visual impairments, blindness, or deafblindness. Readers learn about sports and recreational physical activities that are enjoyed universally.

Large Print/CD
7-13095-00 $74.00

Braille/CD
5-13095-00 $38.00

Games for People With Sensory Impairments

A valuable book that initiates exploration and stimulates the reader’s creativity and resourcefulness!

Includes strategies for including individuals of all ages in physical activity. The authors draw on their extensive experience in teaching students of all ages who have visual impairments, blindness, deafblindness, and multiple disabilities.

Large Print with CD-ROM that contains an .html file. Braille version available as a free download.

7-08609-00 $66.00

Gross Motor Development Curriculum For Children With Visual Impairment

This three-part book, by authors Pamela Haibach, PhD, and Lauren Lieberman, PhD, addresses the specific skills of children with visual impairments based upon research findings on fundamental motor skills. The curriculum provides teachers and parents with a detailed breakdown of each locomotor skill and object control skill.

7-08400-00 $36.00

Portable Sound Source, Sport Edition

PARTS

This lightweight sound source comes with a remote control and carrying strap. Create audio tones that provide directional cues for O&M, sound localization training, or playground games and sports. Braille Guidebook sold separately.

Recommended ages: 6 years and up.

1-03045-00 $246.00

Going Places: Transition Guidelines for Community-Based Physical Activities for Students who Have Visual Impairments, Blindness, or Deafblindness

PARTS

This is a resource guide for teens and young adults that promotes independent physical activity.

It outlines a step-by-step process for choosing and participating in sports and other physical activities outside of the school arena. Includes a large print guide and CD.

7-13090-01 $108.00

30-Love Tennis Kit PARTS

Whether practicing against a wall, playing singles against an opponent, or participating in a round of doubles, tennis is a great sport for practicing sound localization skills and socialization. Includes: 2 blindfolds and 2 rackets; set of 6 sound-adapted tennis balls; and 30-Love: Tennis Guidelines, large print and braille editions.

1-08110-00 $145.00

Jump Rope to Fitness Kit

Did you know that 10 minutes of jumping rope can be as effective as 30 minutes of jogging? The APH Jump Rope to Fitness Kit provides individuals who are blind or visually impaired, the tools to jump rope independently, learn specific skills, and set goals.

Recommended ages: 9 years and up.

1-07521-00 $161.00

Walk/Run for Fitness Kit PARTS

This Kit includes a personal guidewire system that can be set up in your backyard, a school, or a park. Includes two talking pedometers. If running or walking with a human guide, you can use the kit's adjustable tether, which is long enough to accommodate wheelchair users. Includes a shoulder sling pack for storage and travel. Guidewire measures 20 meters (21.9 yards).

1-07520-00 $181.00

Communication Modes and Literacy Education Section Index

All-In-One Boards 91
Aluminum Diagramming Foil 97
APH Alphabet Card Folder 101
Antique Ivory Opaque Paper 118
Beginner's Writing Paper 113
Big Cell 103
Bold-Line Tactile Graph Sheets 119
Bold Print Paper and Notebooks 116–117
Braille Binders, Folders, Notebooks 114, 119–120
Braillable Labels and Sheets R 87
Braille Alphabet and Numbers Card 101
BrailleBuzz N 85
Braille Alphabet and Numbers Card 101
Braille Paper 115–116
Braille Slates, Styluses, and Erasers 91–93
Braille Transcriber's Kits (BTK) 112
Braillers (Braillewriters) 113
Braillewriting Dot by Dot 93
Building on Patterns Series (BOP):
Prekindergarten N 106–107
Kindergarten–2nd Grade 108–111

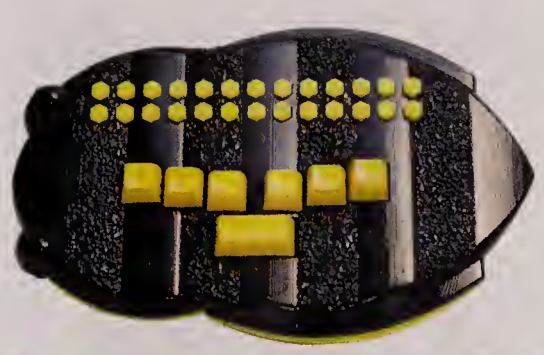
Communication Modes and Literacy Education Section Index

Calendar Box Stabilizer 96
Calendar Kits 99
Card Chart Kit 99
Covers for Braille Documents 114
Desktop Reading Stand 102
Dividers for Braille Notebooks 114
DRAFTSMAN Tactile Drawing Board 97
Early Braille Tradebooks (EBT): Rigby
  Nonfiction Kits R 88–89
  PM Platinum Kits 88, 90
Embossed Pencil Writing Paper 112
Expandable Calendar Boxes 96
Feel 'n Peel Series 94–95
Flip-Over Concept Books 105
Four Line 8-dot Slate N 92
GrandStand: Portable Reading Ease 102
Graph Sheets 118–119
Graphic Art Tape 96
IntelliTactiles Pre-Braille Concepts 98
Large Magnetic Dry Erase Board 85
Learn Keys: Verbal Keyboard Feedback 101
Mailing Envelopes for Braille 114
Match-It-Up Frames 85
Patterns Pre-Braille Program 106
Peg Slate 93
PermaBraille R 116
Plastic Binder Envelopes for Braille 120
Pop-A-Cell 103
Quick Check 101
Quick-Draw Paper 98
ReadWrite Stands 102
SAM: Symbols and Meaning 95
Setting the Stage 104
Shafer Reading Stand 103
SlateHolder 92
STACS Kit 96
Student Starter Pack 93
Super-Sized Folders 120
Swail Dot Inverter 98
Swing Cell Compact 103
Tactile Book Builder Kit N 86–87
Tactile Connections 95
Tactile Graphics Kit 97
Tactile Graphic Line Slate 93
Tactile Marking Mat 111
Talking Typer 100
Teaching Touch 104
Textured Paper Collection 97
Touch and Tell 104
Weekly Reader: Special Print/Braille 104
White Braille Paper R 115
Word Associations Print/Braille Labels 99

Communication Modes and Literacy Related Products

APH Signature Guide 159
Braille Beads 77
Braille Contraction Cards 44
Braille DateBook 155
Clock Face Sheets in Braille 64
Deafblind Pocket Communicator 154
Expanded Dolch Word Cards, UEB 44
EZ Track Products 158
Lots of Dots Series 42
MiniBook Braille Quick-Note Products 155
Moving Ahead Series 32
Nemeth Tutorial 51
On the Way to Literacy Series 26–30
Reach & Match 21
SQUID Tactile Activities Magazines 164
Tactile Editing Marks Kit 46
Visual Brailler 146

BrailleBuzz N



BrailleBuzz™ is an instructional toy for young braille learners ages two to five. It encourages practice with braille characters and phonics, similar to a variety of audio-based toys that teach print writing.

BrailleBuzz resembles a cartoon bumblebee, encouraging little ones with audio feedback. A friendly recorded human voice and fun sounds are paired with a Perkins-style braille keyboard, designed with little hands in mind.

Three Modes of Play

- Phonics Mode: fun sound and letter associations are made.
- Keyboard Mode: all key combinations are announced with dot numbers.
- Letters Mode: dot number announcement reinforces the relationship between reading letters and writing on the keyboard.

Requires 2 AA batteries (not included).

1-03935-00 $99.00

Large Magnetic Dry Erase Board

The Large Magnetic Dry Erase Board can be used as a standalone product to accommodate activities involving magnetic-backed pieces or activities requiring dry-erase markers. The working surface of the board measures 21 3/8 x 13 1/2 inches and is affixed to a blue, rigid vinyl that provides a visual border.

Recommended ages: All.

1-03557-00 $41.00

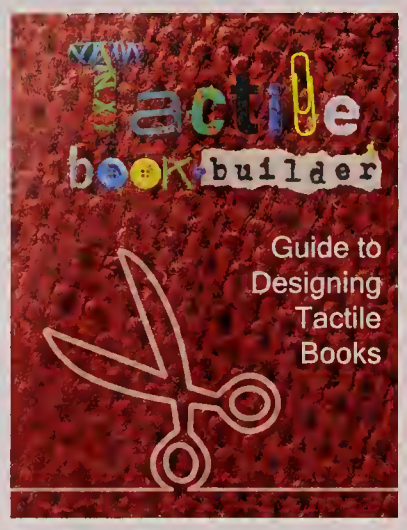
Match-It-Up Frames PARTS CVI

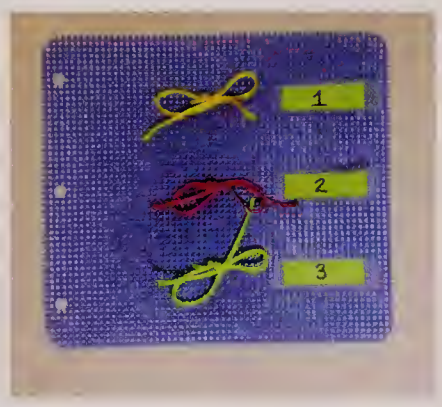
Use these frames in a variety of ways to facilitate learning tasks related to matching, sequencing, patterning, counting, and much more! Large Set and Small Set activities can be custom-designed by teachers and parents to address specific learning needs of students who are blind and visually impaired, as well as those with multiple disabilities.

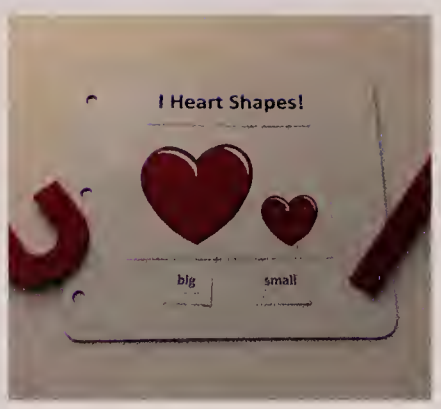
Recommended ages: 3 years and up.

Small Set
1-08828-00 $141.00

Large Set
1-08827-00 $219.00







Tactile Book Builder Kit N

"Build" a book and create a child's connection to literacy!

The Tactile Book Builder Kit contains a wide selection of materials enabling users to quickly custom-make books of many kinds—firsthand experience storybooks, concept books, simple texture books, informational books, alphabet books, adaptations of print books, and more!

A large, varied assortment of pre-cut pages permits easy attachment of objects and presentation of collaged textures, shapes, raised line drawings, and multisensory elements as illustration. Braille paper, braille label material, and clear page protectors offer multiple ways to add braille and print text. All pages fit into sturdy plastic binders with recloseable safety loops. Binders feature an open-view front to allow users to create and insert their own tactile cover art.

Includes

- 4 large binders
- 3 small binders
- 16 board stock pages, various colors
- 20 sheets braille paper, folded pages
- 16 card stock pages
- 4 fabric pages for hook and loop attachments
- 4 magnetic pages
- 10 needlepoint canvas pages, various colors
- 20 page protectors
- 24 polyblend pages, various colors
- 6 pocket pages
- SoundPage for binders, 3 recording devices
- 5 Ziploc® pages
- Braillable clear plastic label material 40 large, 100 small
- Braille templates, pack of 3 sizes
- Assorted attachments–hook and loop adhesive-backed strips and coin sets, magnetic attachments, and zip ties
- Guide to Designing Tactile Books, print (a 120-page illustrated handbook assisting teachers and caregivers in creating books and tactile illustrations matched to the skills of a particular child).

Among the topics addressed include

- Learning through touch
- Designing tactile, multisensory, interactive illustrations to represent features tactual learners find significant
- Principles of good tactile design
- Specific design guidelines for various types of tactile illustrations and suggested sequence of difficulty
- Fine motor, exploratory, and cognitive skills needed to examine and interpret tactile illustrations
- Photos and descriptions of exemplary tactile books
- Lists of craft items and materials for use in tactile books
- Numerous "story-starter" ideas for books across a range of ages and abilities

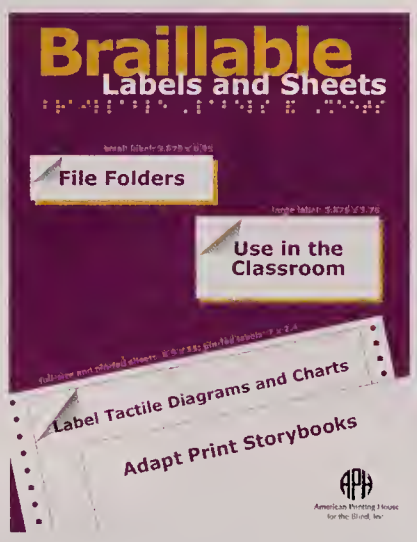
APH products to use with Tactile Book Builder: Picture Maker Textured Shapes (61-151-168), Picture Maker Geometric Textured Shapes (1-08838-01), and Classroom Calendar Kit Day Numbers (61-410-004).

1-08826-00 $519.00

Braillable Labels and Sheets R

These clear, blank, self-adhesive labels can be brailled and used on items around home, school, and office.

The pre-cut, peel-off Large and Small labels accommodate braille lines up to 15 cells wide, with four lines on the large and two on the small labels. Full-Size and Pin-Fed Sheets offer more room for brailling and can be cut to size. A printed SimBraille® sheet is included to assist in determining size and placement.



Assorted Pack
(5 small, 5 large, 10 full-size, and 30 pin-fed sheets)
1-08871-00 $50.00

Small Label Pack
(3.87 x 0.95) 10 sheets, 18 labels per sheet
1-08872-00 $13.00

Large Label Pack
(3.87 x 1.75) 10 sheets, 10 labels per sheet
1-08873-00 $13.00

Full-Size Labels
(8.5 x 11) 15 sheets
1-08874-00 $18.00

Pin-Fed Labels
(8.5 x 11)
30 continuous sheets
1-08875-00 $38.00

Pin-Fed Labels
(7 x 2.4) 102 labels on a continuous sheet
Not included in Assorted Label Package.
1-08895-00 $23.00

Early Braille Trade Books

APH's Early Braille Trade Books combine commercially available books with braille labels for beginning readers. These kits include books, braille labels, and access to an interactive website: **https://ebt.aph.tech.org/.**

Rigby Literacy has consistently been recognized for quality and research-based reading materials. The Rigby series provides nonfiction books that are aligned with national standards and provide motivating texts that systematically build high-frequency words and reading skills.

These books are known for their meaningful stories that present a clear climax and resolution. Titles hook children with clear story lines, and the steady growth of sentence structure scaffolds text complexity for incremental reading success.

Each kit includes a Quick Start Guide, braille label packs, and storybooks.

Features & Benefits

- Includes contracted or uncontracted braille labels.
- Packaged by Developmental Reading Assessment (DRA) and Fountas and Pinnell Reading Levels.
- Match books to each student based on his or her braille knowledge.
- Search for books by genre, core curriculum, and/or expanded core curriculum.
- Included interactive website allows you to:
  - access a book summary and activities designed for braille readers.
  - share or transfer student records to other teachers.
  - maintain a listing and percentage of contractions learned by each student – great for documentation at IEP meetings.
  - find books to use in conjunction with APH's Building on Patterns (BOP) series.

Rigby Nonfiction Kits R UEB

Kit 1

Braille, Nonfiction, Level 4-D

Six books

- Animals on My Street
- Frogs in the Pond
- My Big Tree
- Our Dog
- Our Pets
- Puddles

Kit 2

Braille, Nonfiction, Level 6-8-E

Four books

- Animal Bodies
- Animals on Our Farm
- Mothers and Babies
- Our Fish

Kit 3

Braille, Nonfiction, Level 10-F

Four books

- Hot sunny days
- Rain is water
- The sun, the wind, and the rain
- Where did all the water go?

Recommended grades: 1 and up.

Kit 1

Contracted	Uncontracted
3-00401-00 $131.00	**3-00402-00** $131.00

Kit 2

Contracted	Uncontracted
3-00403-00 $92.00	**3-00404-00** $92.00

Kit 3

Contracted	Uncontracted
3-00405-00 $99.00	**3-00406-00** $99.00

Rigby PM Platinum Kits UEB

Recommended grades: Kindergarten and up.

Kit 1

- Baby Lamb's First Drink
- The Baby Owls
- Hedgehog is Hungry
- The Lazy Pig
- Tiger, Tiger

Kit 2

- The Big Kick
- The Bumper Cars
- The Little Snowman
- The Merry-go-round
- Wake up, Dad

Kit 3

- Ben's Teddy Bear
- Ben's Treasure Hunt
- Father Bear Goes Fishing
- Hide and Seek
- Tom is Brave
- Where is Hannah?

Recommended grades: Kindergarten and up.

Kit 1

Braille, Fiction, Level 3-C

Contracted	Uncontracted
3-00301-00 $109.00	**3-00302-00** $109.00

Kit 2

Braille, Fiction, Level 3-C

Contracted	Uncontracted
3-00303-00 $109.00	**3-00304-00** $109.00

Kit 3

Braille, Fiction, Level 4-D

Contracted	Uncontracted
3-00305-00 $129.00	**3-00306-00** $129.00

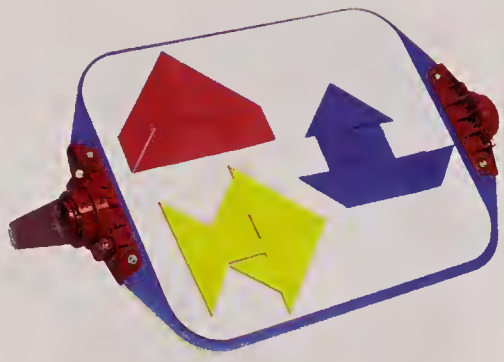
All-In-One Board

This multi-platform, easily-adjustable board from APH can be used in combination with either hook-and-loop accessories or magnetic pieces, as well as with dry-erase markers. Board can be positioned at a variety of angles. For classroom use with students of all ages.

Surface of board is 23 9/16 x 14 inches.

1-08836-00 $158.00

All-In-One Board: Student Model



Sometimes called the smAll-In-One Board, this handy, smaller multi-platform, adjustable board can be used in the same way as the All-in-One Board. The smaller size accommodates portability and desktop use by an individual student with visual impairment and blindness. Surface of board measures 13 1/2 x 10 3/4 inches.

1-08833-00 $137.00

Braille Slates, Styluses, and Erasers

All slates include a stylus. Stylus Key: L = Large Handle, S = Saddle, F = Flat

Recommended ages: 6 years and up.

Braille Slates

Janus Interline
9 Cell, 11 Lines,
Plastic (S),
5 1/2 x 3 1/2 inches
1-00050-00 $5.00

Interpoint Pins Up
28 Cell, Lightweight
Metal (L), Slotted for
Labeling Tape,
8 1/4 x 1 3/4 inches
1-00081-01 $74.00

Pocket Slate Pins Up
28 Cell, 4 Lines,
Clear Plastic (L),
8 1/4 x 1 3/4 inches
1-00078-00 $11.00

28 Cell, Heavyweight
Metal (L), Slotted for
Labeling Tape,
8 1/4 x 1 3/4 inches
1-00160-00 $80.00

28 Cell, Black Plastic (L),
8 1/4 x 1 3/4 inches
1-00080-00 $11.00

Braille Styluses

(all have a metal point, F = Flat)

Large Yellow (F),
Fits in notebook or binder
1-00121-00 $2.50

Small Green (F),
Fits in notebook or binder
1-00122-00 $2.50

Saddle-Shaped
Plastic concave dip
in handle
2 5/8 x 1 1/4 inches
1-00120-00 $2.50

Wood Handle

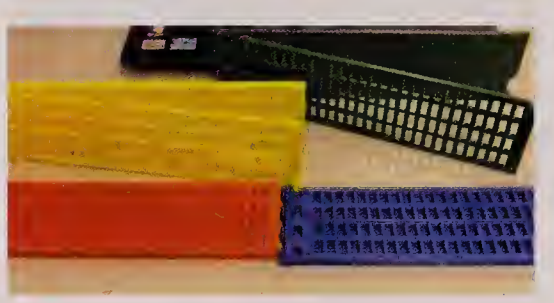
Large
Side of Handle (F),
2 3/8 x 7/8 inches
1-00200-00 $2.50

Small
1 7/8 x 3/4 inches
1-00220-00 $2.50

Braille Erasers

Wooden
2 1/2 inches long
1-00270-00 $3.00

Plastic
One Broad, One Narrow End,
5 inches long
1-00280-00 $3.00



Four Line 8 Dot Slate N

Traditional braille consists of six dots per cell, but six dots can only represent 64 unique patterns. Braille overcomes this limitation by letting two or more cells represent a single character. Preceding the symbol for a letter, for example, with a dot six makes that letter capital.

It is often desirable, especially in scientific or computer fields, to be able to represent a full character set, like ASCII in a one-to-one correspondence. That is where the 8-dot cell becomes important. With 8 dots to represent a character, you can make 256 unique patterns. APH offers a free file download that allows you to print your own slate on a 3-D printer.

D-19920-ED FREE

Slateholder

Rugged vinyl carrying case will hold any APH slate. Second pocket holds two styluses or wooden erasers. Flap seals with hook/loop material. Belt loop and holes that fit a 3-ring binder.

Measures approx. 3 1/2 x 9 inches. Slates and styluses sold separately.

1-00082-00 $11.00

Tactile Graphic Line Slate

This specially designed two-ended stylus is specially designed for the creation of tactile graphic displays by transcribers, teachers, and students. Use this lightweight slate to embellish tactile maps, graphs, charts, number lines, etc. The accompanying Instruction Booklet provides tips and techniques for using with various types of drawing media.

Recommended ages: 10 years and up.

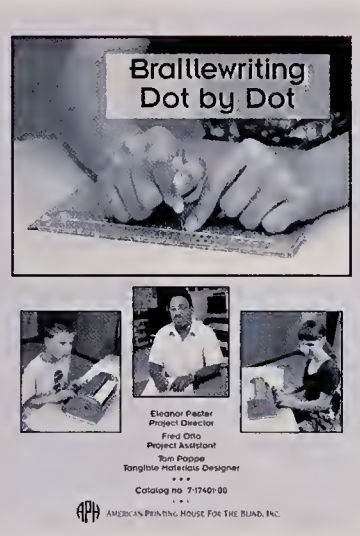
1-00100-00 $46.00

Student Starter Pack

Basic braille materials packaged for students who are taking beginning braille classes. Includes 150 sheets of 8 1/2 x 11 inch manila transcribing paper, 150 sheets of 11 1/2 x 11 inch manila transcribing paper, a 4-line, 28-cell aluminum slate with Saddle Stylus, and a Cranmer abacus.

1-00350-00 $81.00

Braillewriting Dot by Dot PARTS



This kit focuses on beginning writing skills with braillewriters and slate & stylus. Braillewriting Dot by Dot kits are available in braille and print.

Note: It is recommended that a Swing Cell Compact, **6-78041-00**, be used with this kit.

Braille Teacher's Manual
5-17400-00 $63.50

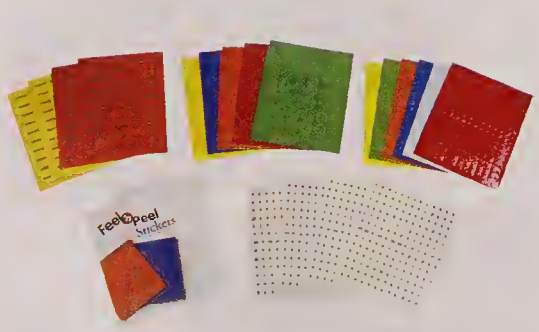
Print Teacher's Manual
7-17400-00 $79.00

Peg Slate

Designed to help teach beginning users of the braille slate. A frame is mounted with pegs that represent the braille dots in 10 braille cells. Push pegs down, then flip frame over to read the braille message. Instructions in print and braille.

Recommended ages: 6 years and up.

1-08830-00 $22.00



Feel 'n Peel Products

These fun and educational tactile/visual stickers and sheets have a variety of uses, and are printed and/or embossed on durable plastic with bright, translucent colors.

Braille/Print Capital Letters A-Z

Capital Letters A-Z are intended for the creation and adaptation of print capital letter materials for individuals who are blind and visually impaired. These multi-use braille/print stickers are embossed on clear, durable plastic.

Recommended grades: Preschool and up.

1-08870-00 $19.00

Nemeth Braille/Print Numbers 0-100

These multi-use tactile stickers are printed and embossed on clear, durable plastic. Feel 'n Peel Stickers: Nemeth Braille/Print Numbers 0–100 are intended for the creation and adaptation of science and math-related materials.

Recommended grades: Preschool and up.

1-08876-00 $24.00

Basic Math Symbols UEB

These multi-use braille/print stickers are embossed on clear, durable plastic. Separate UEB and Nemeth packages of the Basic Math Symbols are available.

Recommended grades: Preschool and up.

Nemeth
1-08892-00 $33.00

UEB
1-08893-00 $33 .00

Feel 'n Peel Stickers I PARTS

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Recommended ages: 3 years and up.

1-08843-00 $77.00

Feel 'n Peel Stickers II

Multi-use tactile/visual stickers for students and adults. Bright, translucent colors, durable plastic.

Recommended ages: 3 years and up.

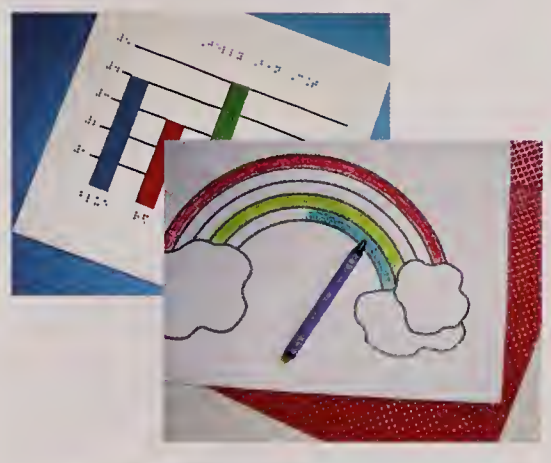
1-08864-00 $96.00

Feel 'n Peel Sheets Carousel of Textures

Multi-use tactile sheets are printed and embossed on clear, durable plastic.

Recommended grades: Preschool and up.

1-08863-00 $96.00



Tactile Connections: Symbols for Communication

This kit helps teachers create a tactile card system that is individualized for learners that have visual impairments or who are blind, have additional disabilities and/or lack a formal means of communication or literacy.

Recommended ages: 5 years and up.

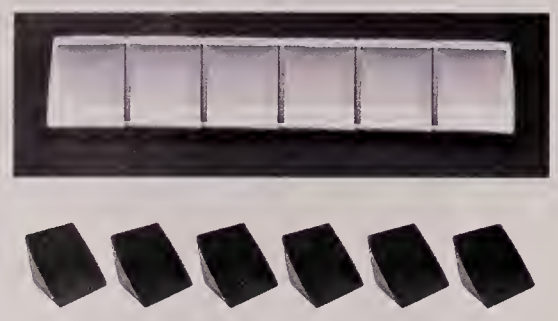
1-08837-00 $162.00

SAM: Symbols and Meaning

A kit for students with visual and multiple impairments and pre-k children with visual impairments who are just beginning to use symbols. The SAM Guidebook provides strategies for developing a strong sensory foundation for concepts about people, objects, actions, and places so that symbols referring to them are meaningful.

Note: For the APH Intervention Continuum, APH recommends that learners use SAM and two other products in a certain order, see page 11 for more information.

1-08854-00 $428.00



Expandable Calendar Boxes

PARTS CVI

These closed-cell foam boxes that can be used singularly as an anticipation box, or in a grouping of two or more as calendar boxes. These boxes benefit students with disabilities that put them at risk for not understanding, participating in, or directing the events that surround them.

White
1-08651-00 $151.00

Black
1-08652-00 $151.00

Calendar Box Stabilizer

CVI

Designed to rest on the majority of wheelchair trays, the stabilizer allows learning partners to present calendar boxes on a variety of surfaces (e.g., tabletops, floors) or hold them in the air before the student. The stabilizer is white on one side and black on the opposite side. For the visual ease of students—especially those students with cerebral/cortical visual impairment (CVI)—use the included white hook and loop material on the white side of the stabilizer and black hook and loop material on the black side.

1-08653-00 $37.00

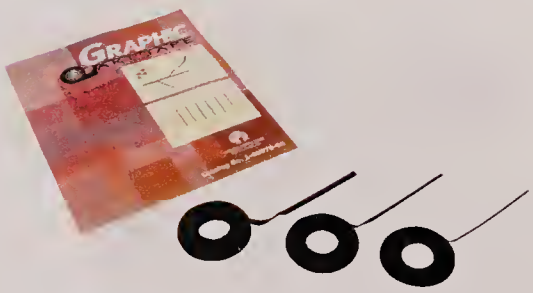
STACS: Standardized Tactile Augmentative Communication Symbols Kit

PARTS

Tactile symbol systems are valuable tools that aid learners with conversations about people, places, events, and ideas. This Kit helps learning partners (teachers, parents, peers, etc.) teach a beginning standardized vocabulary.

Recommended ages: All.

1-08815-00 $696.00



Graphic Art Tape

Includes three different widths of black, crepe-finish tape, 1/4, 1/8, and 1/16 inches, in 18-yard rolls with separate print and braille versions of a suggested uses sheet.

1-08878-00 $38.00

Aluminum Diagramming Foil for use With Tactile Graphics Kit

For creating masters of raised-line graphics. Foil has white paint on one side for drawing graphics beforehand in pencil or ink. Available in rolls or sheets. Roll is 11 inches wide and approximately 75 feet long. Sheets measure 11 x 11 inches, (30-pk).

Sheets
1-04090-00 $39.00

Roll
1-04121-00 $78.00

Tactile Graphics Kit PARTS

The Tactile Graphics Kit is an extensive set of materials that allows teachers, transcribers, and mobility instructors to create custom raised-line maps, graphs, diagrams, and charts using a variety of point symbol tongs, areal pattern plates, and line drawing tools. Masters are embossed on heavy aluminum foil and can be reproduced on a vacuum-form machine.

1-08851-00 $297.00

DRAFTSMAN Tactile Drawing Board PARTS

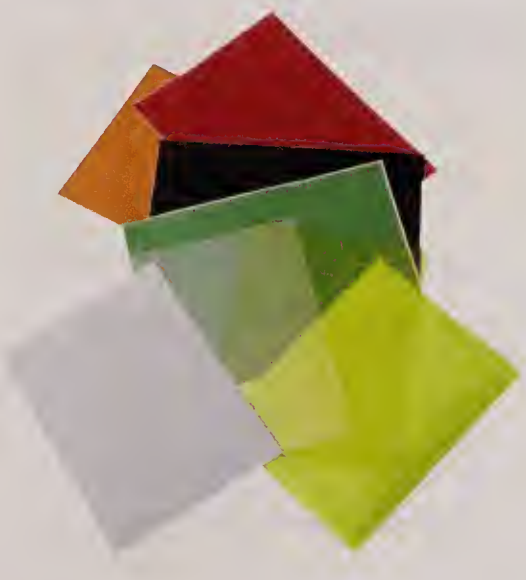
A versatile tactile drawing board that is used in combination with special film and a stylus to create instant raised-line images. The board has a plastic frame that encases a double-layered rubber surface. Clamp a sheet of included drawing film onto the board and use the included stylus or a ballpoint pen to quickly draw a raised image.

1-08857-00 $229.00

Textured Paper Collection

This paper collection contains tactile colored sheets that can be cut out and applied to another surface for many purposes, such as tactile worksheets, areal patterns, storybooks, household items, etc.

1-03275-00 $54.00



Swail Dot Inverter

Construct simple diagrams, graphs, maps, etc., by embossing a series of single dots. Braille paper (sold separately) is placed on top of the 12 x 12 inch rubber pad. The special stylus allows dots to be embossed upwards by puncturing the paper on the down stroke and then pulling the dot upwards on the up stroke. Works best with Brailon® plastic braille paper, available in multiple sizes from American Thermoform, **www.americanthermoform.com**

Recommended ages: 5 years and up.

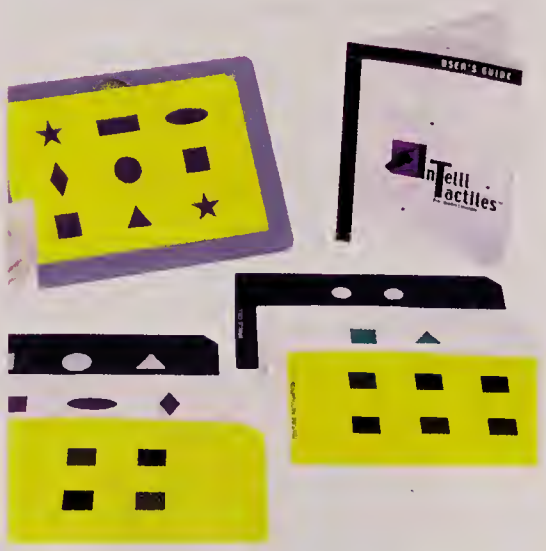
1-03610-00 $45.00

Quick-Draw Paper

Create instant tactile graphics that are useful for a wide variety of art, orientation & mobility, diagramming, and educational activities. Simply draw on paper surface with a water-based marker and the lines will swell instantly and become tactile. Includes 10 sheets of Quick-Draw™ Paper, instructions in large print, and two water-based markers.

Recommended ages: 4 years and up.

1-04960-00 $35.00



IntelliKeys keyboard not included.

IntelliTactiles Pre-Braille Concepts, Classroom Suite Edition

IntelliTactiles™ Pre-Braille Concepts Classroom Suite Edition helps develop skills such as tactile discrimination, shape recognition, and understanding of spatial/positional concepts. Includes seven tactile overlays that can be used alone or with the commercially available IntelliKeys® USB keyboard.

Recommended ages: 5 to 10 years.

1-08516-01 $173.00

Word Associations Print/Braille Labels PARTS

Introduce children to the world of reading by using these large print/braille stickers! Consists of 12 sheets of self-adhesive labels containing common words. Includes 91 labels and a Manual in either large print or braille.

Recommended ages: 3 years and up.

Labels with Large Print Manual
8-39050-00 $59.00

Labels with Braille Manual
6-39050-00 $44.00

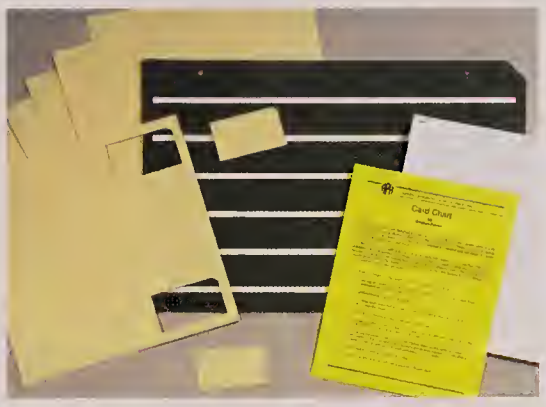
(Ball & bell not included)

Card Chart Kit PARTS

Chart board measures 19 1/2 x 12 1/4 inches and has holes for hanging. Up to five cards can be inserted into each of six high contrast slots. Includes 90 blank cards, and a corner cut for orientation.

Recommended ages: All.

1-03550-00 $48.00

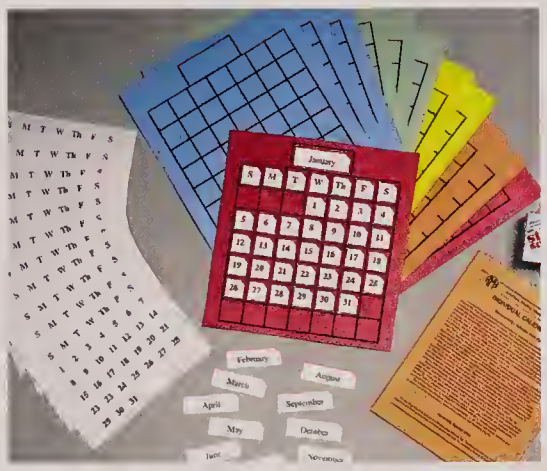


Individual Calendar Kit

Includes 12 brightly colored, embossed/bold line grid sheets - one for each month. Labels are marked in large print and in braille.

Recommended ages: 4 to 10 years.

1-18971-00 $18.00



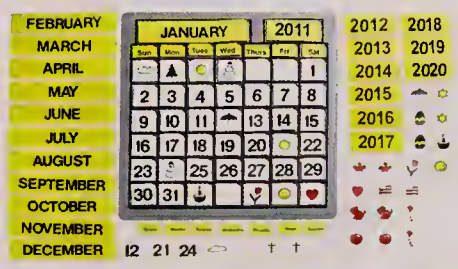
Classroom Calendar Kit PARTS

Introduce children to concepts of measuring time; tracking left, right, top, and bottom; recording the weather; and recognizing and sequencing numerals.

Recommended ages: 4 to 10 years.

English
1-18970-00 $171.00

Spanish
1-18973-00 $174.00



Talking Typer (for iOS devices)

Comes with 35 built-in lessons at beginner and advanced levels. Teachers and parents can create new lessons, edit lessons, and assign lessons to individual students or groups. The app saves the results of each drill allowing students, teachers, and parents to monitor improvement.

The app can also be used with a refreshable braille display, making it accessible for students who are deafblind. Works with iOS devices running iOS 9.1 or later.

Note: Find detailed software purchasing instructions in the "How to Order" section page 181.

Non-Quota (for individual purchase)
Available from the App Store:
https://itunes.apple.com/app/id992103463
D-30021-AP $4.99

Quota Order
D-30021-APL $4.99

Talking Typer™

A computer keyboard and typing training software that speaks and displays lessons on screen.

Includes drills, practice, and typing games, and is adjustable to the student's level of skill and sight impairment.

Requires a PC running Windows® 7 or later.

Recommended ages: 6 years and up.

CD-ROM
D-03430-01 $89.00

Digital Download
D-03430-ED $79.00

Digital Download, Multiple Licenses

25–49 users
D-03430-ED1
$69.00/machine

75–99 users
D-03430-ED3
$55.00/machine

50–74 users
D-03430-ED2
$63.00/machine

100+ users
D-03430-ED4
$47.00/machine

Learn Keys: Verbal Keyboard Feedback Software

A PC keyboard exploration and announcement program that gives you human speech feedback.

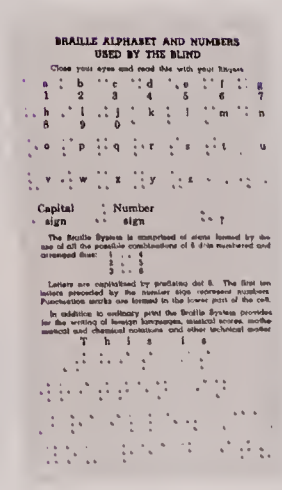
Requires a PC running Windows® 7 or later.

Note: Learn Keys is not a screen reader – it speaks keystrokes.

CD-ROM
D-03410-00 $14.95

Digital Download
D-03410-ED $14.95

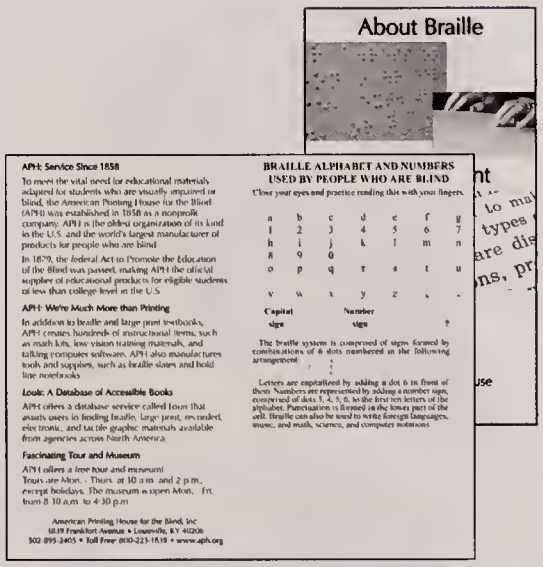
Braille Alphabet and Numbers Card



Intended to increase the awareness of braille among print readers, this card presents the alphabet, numbers, and limited punctuation signs in braille. A simple sentence in uncontracted braille is included, allowing for translation practice.

Braille Alphabet and Numbers Card (100-pk)
1-04020-00 $8.00

APH Alphabet Card Folder

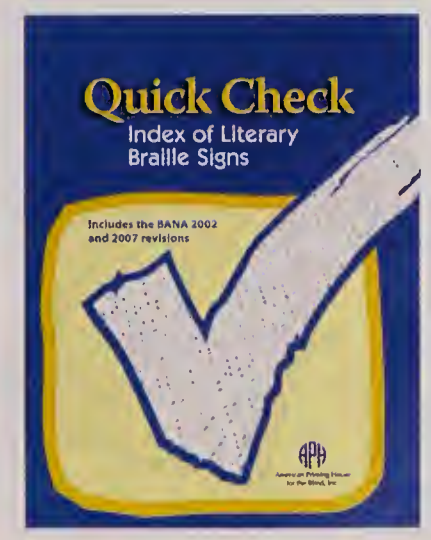


Designed to raise the awareness of braille among print readers, this card displays the braille alphabet, a sample of large print, and a brief history of APH. Measures 3 5/8 x 6 3/8 inches folded. Includes 100 cards. As a special service, educators may request up to five copies free by calling our 800 number.

Not available with Quota funds.

1-04000-01 $9.00

Quick Check: Index of Literary Braille Signs



This booklet contains many of the common English braille contractions, including word signs, short-form words, punctuation, and composition signs.

Braille
5-35960-01 $24.00

Print
7-35960-01 $10.50

ReadWrite Stand

Use this stand for both reading and writing tasks. Measures 18 x 14 1/8 inches and can be positioned in four distinct angles – 5° (at rest), 15°, 30°, and 45°. Weighs approx. 2 1/2 lbs.. It features two built-in handles, a low-profile clip for securing materials, and an LED book light.

Recommended ages: 5 years and up.

1-03206-00 $109.00

ReadWrite Mini

Similar to the above ReadWrite, but smaller. Stand measures 10 x 11 1/2 inches and can be positioned in the same four distinct angles. Weighs approx. 1 1/2 lbs.

Warning: Adult supervision is required for adjusting the brackets for child use. DO NOT place fingers underneath the spring-loaded hinges of the uppermost bracket.

Recommended ages: 5 years and up.

1-03207-00 $103.00

Grandstand: Portable Reading Easel

Easy to lift, carry, and lock into position. Folds up when not in use. Adjustable shelf may be raised and lowered to accommodate the height of the reader. Surface measures 15 x 14 1/2 inches.

Weighs only 2 1/3 lbs.

Recommended ages: 5 years and up.

Yellow
1-03205-00 $66.00

Black
1-03204-00 $64.00

Desk Top Reading Stand

This reading stand is made of durable white plastic. It is portable and holds reading material at a proper position for low vision users.

Recommended ages: 8 years and up.

1-03220-01 $181.00

Shafer Reading Stand

Adjustable, heavy-duty self-supporting stand for large print publications. Has a tripod base with a 42-inch shaft, and a 4-joint, adjustable swivel arm/book rack. Bookrack measures 16 x 11 1/2 inches. Swivel arm can be locked at any height along the shaft. All-metal construction, except for nonslip rubber feet.

Recommended ages: 6 years and up.

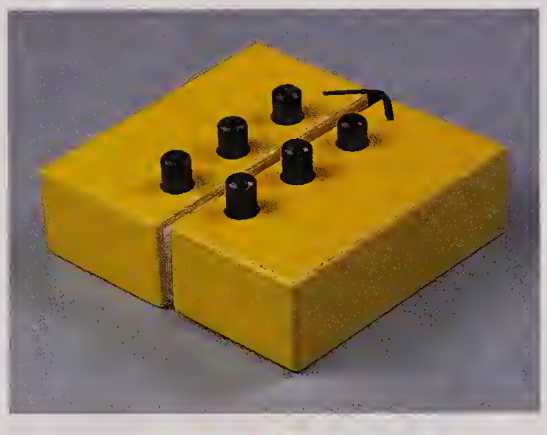
1-03230-00 $326.00

Swing Cell Compact

Helps students understand the relationship between the braille cell and the keys on a braillewriter. Internal storage of pegs.

Recommended ages: 5 years and up.

6-78041-00 $62.00



Pop-A-Cell

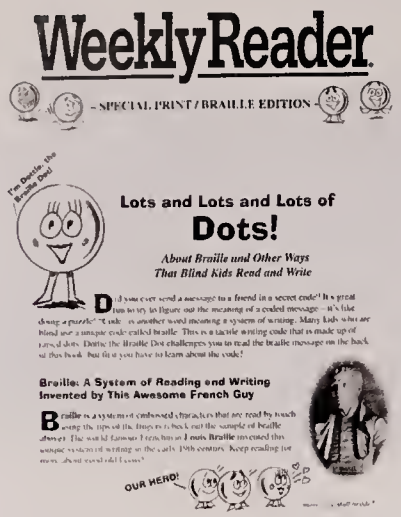
A large-scale braille cell measuring 2 5/8 x 4 1/4 inches. Pop the durable plastic cell dots up or down to create various braille characters. Set of four colors and a Braille Alphabet and Numbers Card included.

1-17002-00 $18.00

Big Cell

An enlarged plastic braille cell model that allows a blind person to examine the shape of a braille cell. Helps beginning slate users learn where to put the stylus for various dot positions.

1-08820-00 $10.00



Weekly Reader: Special Print/Braille Edition

A fun and educational publication for print readers who want to learn more about the way kids who are blind read and write. Cartoon characters help you learn about the braille code, Louis Braille, large print, and Talking Books. Regular print publication with samples of braille. Sold individually.

As a special service, educators may request up to five copies free by calling our 800 number.

Recommended ages: 8 years and up.

Z-SMWR97 $1.00

Touch and Tell PARTS

Classic set of braille reading readiness books. Volumes I and II introduce embossed hands and geometric forms. Volume III introduces braille dots.

Recommended ages: 5 to 6 years.

6-44670-00 $99.00

Teaching Touch PARTS

Helps parents or teachers encourage young children (4–7 yrs.) who are blind to become active explorers and readers of tactile graphics. The included booklet introduces various tactile graphics skills.

1-08861-00 $69.00

Setting the Stage for Tactile Understanding PARTS

This set of tangible items and activities assists young tactile readers in making the transition from the exploration of real objects to the interpretation of 2-D representations, both in thermoformed formats and simple raised-line illustrations. A 3-D house model aids in advanced understanding of scale and perspective.

Recommended ages: 5 years and up.

1-08853-00 $209

Flip-Over Concept Books

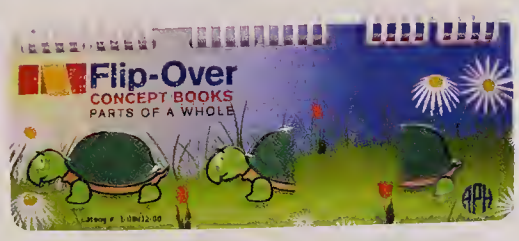
These books provide interactive, independent learning for young children as they build basic concepts and develop early tactile skills. The format of the books consists of tactile, full-color panels that can be turned until the child finds adjacent panels that continue a line or pattern, complete a sequence, build an image, and so on.

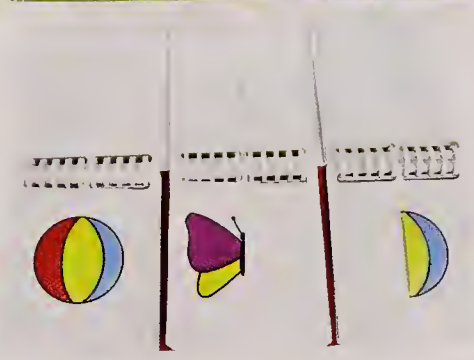
Recommended ages: 4 years and up.

LINE PATHS

The goal is for the child to find three adjacent panels that continue the same type of line path (e.g., solid, dotted, double-dotted, etc.).

1-08831-00 $88.00





PARTS OF A WHOLE

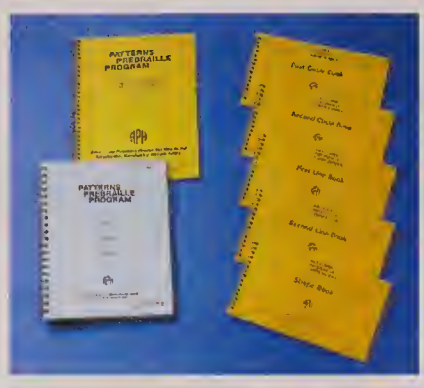
The goal is for the child to find two adjacent panels that complete the whole picture as shown in the first (or left-hand) panel.

1-08832-00 $63.00

TEXTURES PARTS CVI

The goal is to find three adjacent panels that are embossed with the same textured pattern. An assortment of textured vinyl panels is provided that the teacher/parent can select from to build a unique Texture flip-over book.

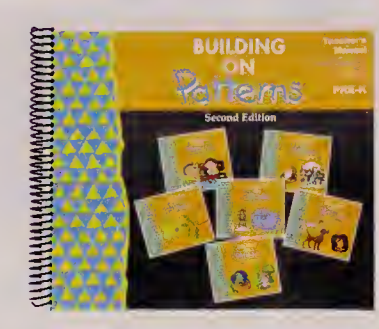
1-08829-00 $125.00

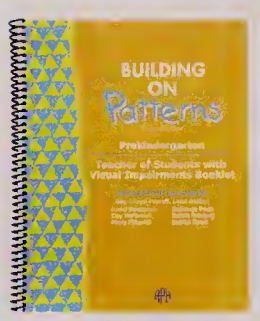


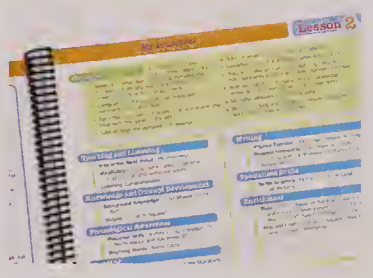
Patterns Prebraille Program PARTS

Designed to prepare children before they begin braille reading. Helps build a child's auditory, tactual, conceptual, and language skills. Emphasis in this program is on exposure to a variety of common childhood experiences.

6-78360-00 $108.00







Building on Patterns (BOP)

Building on Patterns is a systematic, comprehensive, and balanced literacy program designed to teach young children (through second grade) with visual impairments to read and write using braille.

Prekindergarten Level N PARTS

BOP Prekindergarten is the first level of the second edition of BOP, and its curriculum reflects best practices in braille literacy instruction, including lessons designed to build literacy skills related to listening, speaking, reading, and writing in preparation for kindergarten. It may be used as a stand-alone program, or as a supplement to regular preschool curricula.

APH recommends that the print children's books and their braille transcriptions in the Student Kit stay with the student after using them during lessons to help them begin (or supplement) their own library. The print and braille books can also be sent home so family members can have their own interactive reading sessions with their child.

APH also highly recommends teachers use the electronic versions of the parent letters in order to tailor them to each student's family.

Please visit the BOP overview and resources pages for more information on all levels of BOP.

Note: The font for the braille with shadow dots used in the letters is available to download as well.

Features

- Includes 28 instructional lessons, each paired with a children's book and a tactile storybook that supports lesson concepts through activities that involve tracking, simple reading, and understanding tactile graphics.
- Each lesson begins with learning objectives, and then includes sections on the following:
  - **Speaking and listening:** interactive read-alouds using high-quality children's literature with

an emphasis on oral vocabulary and listening comprehension

- **Knowledge and concept development:** days of the week, weather, shapes, and other concepts relevant to the preschool curriculum
- **Phonological/phonemic awareness:** environmental sounds, rhyming words, syllables, and initial and ending sounds
- **Reading:** tracking skills, letter and number recognition, phonics, and independent reading of simple continuous text (tactile storybooks)
- **Writing:** practice exercises, modeled/interactive (shared) writing, and name writing
- A variety of tactile graphics
- Enrichment activities incorporating poetry, arts and crafts, music, and movement.

• Print and braille Teacher Kits are available.

BOP Prekindergarten Student Kit Includes

- Parent booklet
- Print Parent Letters (also available on the Prekindergarten website)
- Preschool Teacher Booklet*
- Set of 27 Print Children's Books
- Student Set of 28 Braille Children's Books (includes one print-braille book)
- 28 Tactile Storybooks
- 4 Workbooks
- Worksheets Pack
- Manipulatives Pack
- Monitoring Charts and Reading Roundup Consumables (also available on the BOP Prekindergarten website)

Print Teacher's Kit Includes: Quick Start Guide, Booklet, Manual, Reading Roundup and Reference Volume

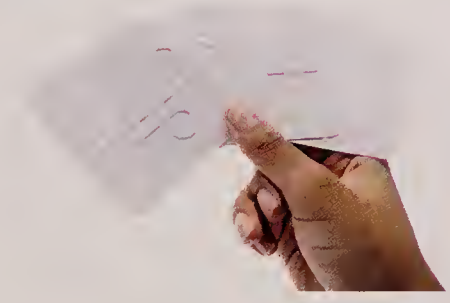
Braille Teacher's Kit Includes: Quick Start Guide, Booklet, Reading Roundup, Reference Volume and Teacher's Set of Braille

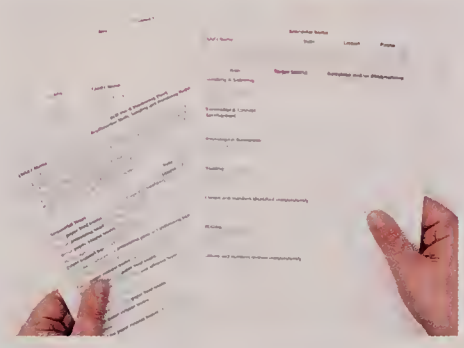
Note: The 28-volume braille Teacher's Manual is not included in this kit. It is available for free download from the APH Downloadable Manuals page.

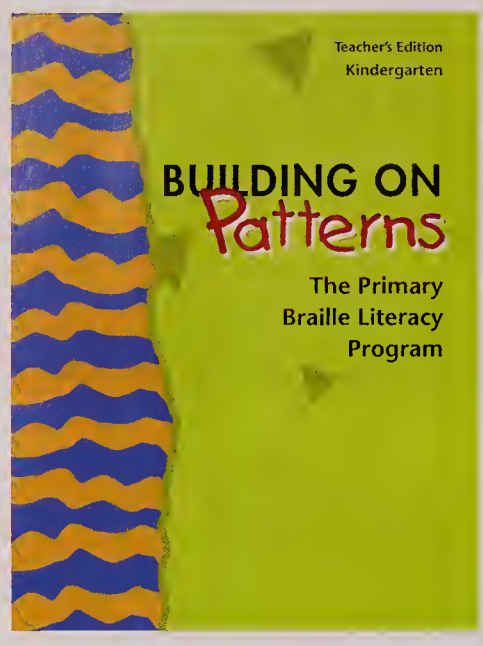
Teacher Kit Print
8-78534-00 $265.00

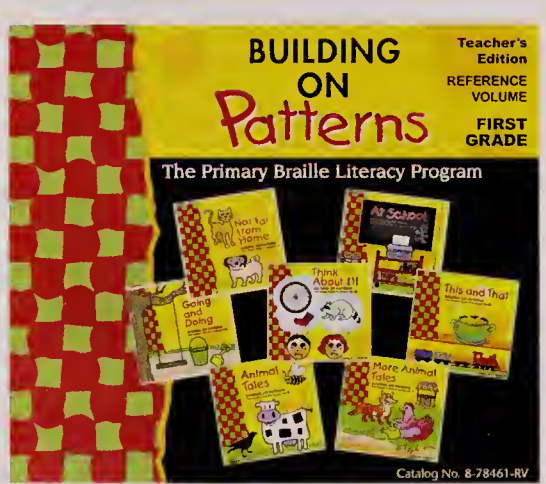
Teacher Kit Braille
6-78534-00 $469.00

Student Kit
6-78530-00 $859.00









Building on Patterns (BOP) Kindergarten, First Grade, and Second Grade

Note: BOP Kindergarten, First Grade, and Second Grade Levels each have a free UEB download of the Teacher Supplement from our manuals page for revised information.

Kindergarten Level PARTS

"Building on Patterns is a systematic, comprehensive, and balanced literacy program designed to teach young children with visual impairments to read and write using braille."

The series addresses vocabulary, fluency, comprehension, phonemic awareness (ability to hear and interpret sounds in speech), and phonics.

Kindergarten lessons include a selection to be read to the student, questions to discuss, and an activity for the child to complete.

Recommended ages: 4 years and up.

Note: Each student kit includes Posttest Consumables, Textbook Assessment Check-up Forms, set of 7 Student Textbooks, and a Color Me Book.

Teacher's Kit Print (2 vol.)
8-78451-00 $152.00

Braille
6-78451-00 $152.00

Student Kit
6-78550-00 $209.00

First Grade Level PARTS

"Building on Patterns is a systematic, comprehensive, and balanced literacy program designed to teach young children with visual impairments to read and write using braille."

BOP First Grade lessons require students to read selections themselves with emphasis on decoding skills, comprehension, and fluency. Creative writing, related to the reading selections, is included with each lesson. Spelling is based upon phonics skills. Worksheet packs, lesson monitoring sheets, and unit assessment packs are consumables and are available separately.

Recommended ages: 6 years and up.

Unit 1, Not Far from Home
Student Kit
6-78560-U1 $139.00

Teacher's Kit (Includes Reference Vol.)
Print **8-78561-U1** $99.00
Braille **6-78561-U1** $99.00

Unit 2, Going and Doing
Student Kit
6-78560-U2 $139.00

Teacher's Kit
Print **8-78461-U2** $65.00
Braille **6-78461-U2** $69.00

Unit 3, Animal Tales
Student Kit
6-78560-U3 $139.00

Teacher's Kit
Print **8-78461-U3** $59.00
Braille **6-78461-U3** $59.00

Unit 4, At School
Student Kit - UEB
6-78560-U4 $139.00

Teacher's Kit
Print **8-78461-U4** $59.00
Braille **6-78461-U4** $59.00

Unit 5, This and That
Student Kit
6-78560-U5 $139.00

Teacher's Kit
Print **8-78461-U5** $59.00
Braille **6-78461-U5** $59.00

Unit 6, More Animal Tales
Student Kit
6-78560-U6 $139.00

Teacher's Kit
Print **8-78461-U6** $59.00
Braille **6-78461-U6** $59.00

Unit 7, Think About It!
Student Kit
6-78560-U7 $139.00

Teacher's Kit
Print **8-78461-U7** $59.00
Braille **6-78461-U7** $59.00

Second Grade Level

Braille contractions are introduced from the beginning along with sound and letter associations. Expanded Core Curriculum (ECC) Skills such as using tactile graphics and technology are also included. Student materials are in UEB. BOP Second Grade includes more worksheets, part-word braille contractions, and other remaining literacy contractions and symbols along with the rules to use them. The curriculum also emphasizes syllables and multisyllabic words, and the effect of certain letter combinations on vowel sounds.

For optional map work, each lesson gives the foreign origin of at least one spelling word.

Recommended ages: 7 years and up.

Prerequisite: BOP First Grade or equivalent skills.

Note: Each student kit includes Lesson Monitoring Sheets, Assessment Check-up Forms, Student Textbooks, and Worksheets Pack. Unit 1 Teacher's Edition includes Reference Vol.

UNIT 1, That's So Silly
Student Kit
6-78570-U1 $179.00

Teacher's Kit
(Includes Reference Vol.)
Print **8-78571-U1** $159.00
Braille **6-78571-U1** $159.00

UNIT 2, At Your Service
Student Kit
6-78570-U2 $179.00

Teacher's Kit
Print **8-78471-U2** $159.00
Braille **6-78471-U2** $159.00

UNIT 3, Family and Friends
Student Kit
6-78570-U3 $179.00

Teacher's Kit
Print **8-78471-U3** $159.00
Braille **6-78471-U3** $159.00

UNIT 4, Just for the fun of It
Student Kit
6-78570-U4 $179.00

Teacher's Kit
Print **8-78471-U4** $159.00
Braille **6-78471-U4** $159.00

UNIT 5, It's a Natural Thing
Student Kit
6-78570-U5 $209.00

Teacher's Kit
Print **8-78471-U5** $159.00
Braille **6-78471-U5** $159.00

UNIT 6, A Walk on the Wild Side
Student Kit
6-78570-U6 $179.00

Teacher's Kit
Print **8-78471-U6** $159.00
Braille **6-78471-U6** $159.00

UNIT 7, Celebrate Books
(Includes 3 chapter books)
Student Kit
6-78570-U7 $169.00

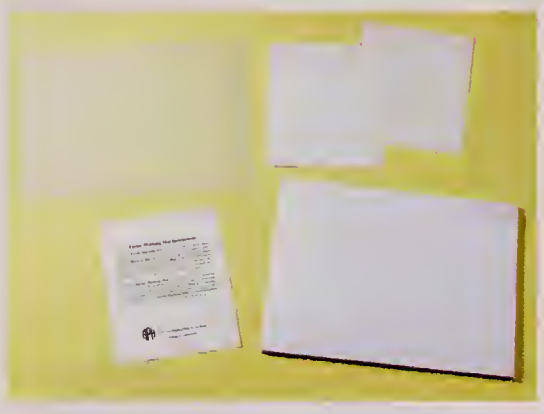
Teacher's Kit
Print **8-78471-U7** $159.00
Braille **6-78471-U7** $159.00

Tactile Marking Mat

A textured plastic sheet (17 x 13 1/2 inches) for use with included embossed-line Longhand Writing Paper or other thin paper. Mat's texture causes wax crayon marks to be tactile. Use for drawing, handwriting practice, and creating simple diagrams. Includes 100 sheets of paper.

Recommended ages: 3 years and up.

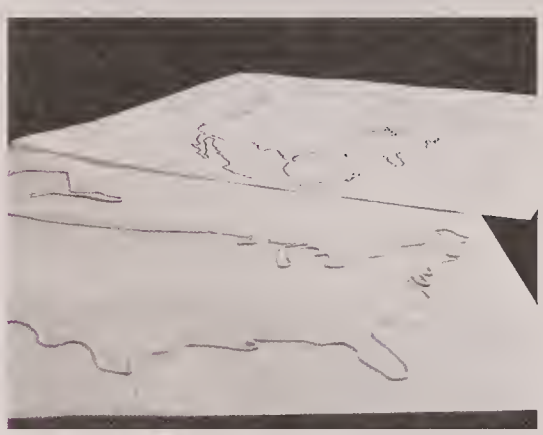
1-03331-00 $23.50



Braille Transcriber's Kit: Math

Make braille transcription of elementary math books quicker with this collection of raised-line graphics. Master sheets contain five each of: rulers, number lines, protractors, unlabeled thermometers, and clock faces, as well as three sizes of low-relief graph paper. Master sheets can be thermoformed to provide multiple copies of figures.

1-04100-00 $24.00

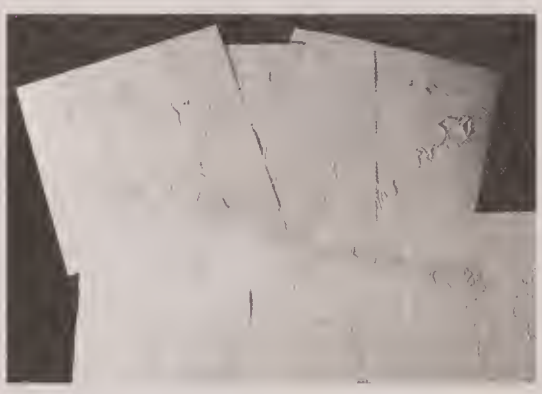


Braille Transcriber's Kit: U.S. Maps

A collection of embossed and printed drawings found in history, geography, and social studies textbooks. The embossed sheets may be used as templates for thermoforming. Add to them with spur wheel lines, craft ink, glued-on textures, braille labels, and other tactile graphics materials.

Printed maps may be used as outlines for tracing or as masters for "swell paper" tactile graphics.

1-04101-00 $27.00



Braille Transcriber's Kit: Countries and Continents

The Braille Transcriber's Kit: Countries and Continents is a collection of embossed and printed outlines of maps commonly found in history, geography, and social studies textbooks.

The embossed sheets may be used as templates when you create tactile maps. Photocopy the images onto your capsule paper, add labels, lines, and symbols, and produce the raised image by running the graphic through the heating machine.

1-04102-00 $35.00

Embossed Pencil Writing Paper

Provides heavy raised lines to guide students or adults in handwriting. 22 lines per each sheet.

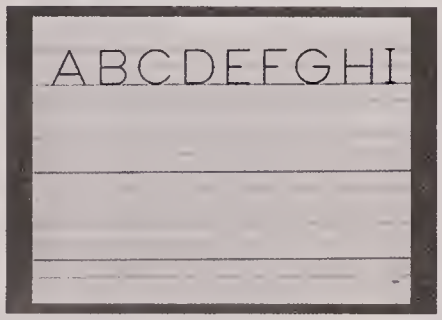
Measures 8 3/4 x 10 1/2 inches and is in pads of approx. 165 sheets.

1-04560-00 $12.00

Beginner's Writing Paper

This special paper helps students practice manuscript and cursive writing. Top of sheet is printed with a sample alphabet, followed by bold lines for practice. Measures 11 x 8 1/2 inches. Plain (no alphabet) is also available.

Recommended ages: 5 years and up.



With Alphabet, Padded, 100 Sheets

Upper Case Manuscript
1-04910-00 $8.00

Lower Case Manuscript
1-04920-00 $7.00

Plain, Padded, 500 Sheets

8 1/2 Inches Wide
1-04731-00 $19.00

11 Inches Wide
1-04741-00 $17.00

APH SMART Brailler by Perkins

This mechanical brailler has a built-in screen and speaker that provides immediate feedback to a child or adult who is learning braille via text-to-speech, and a screen that displays SimBraille and large print of what is brailled in uncontracted or contracted braille.. Accommodates 8 1/2 x 11 inch paper and embosses up to 25 lines of 28 cells.

Recommended ages: 3 years and up.

Warning: Young children should be supervised during exploration and pre-braille activities.

The APH SMART Brailler by Perkins IS available with Quota funds.

1-00820-00 $1,995.00 + shipping

APH Light-Touch Perkins Brailler

This manual brailler has all of the great features of the classic Perkins Brailler but requires less pressure to depress the keys. Extended key design increases usability and comfort, and light gray keys provide contrast against the sapphire blue frame.

Recommended ages: 3 years and up.

Warning: Young children should be supervised during exploration and pre-braille activities.

APH Light-Touch Perkins Brailler is available with Quota funds.

1-00815-00 $790.00

Mailing Envelopes for Braille

Designed for mailing or storing brailled sheets up to 11 1/2 x 11 inches. White, blank envelopes with self-sealing flaps. Measure 12 1/2 x 12 1/2 inches. Will hold approximately 30 sheets.

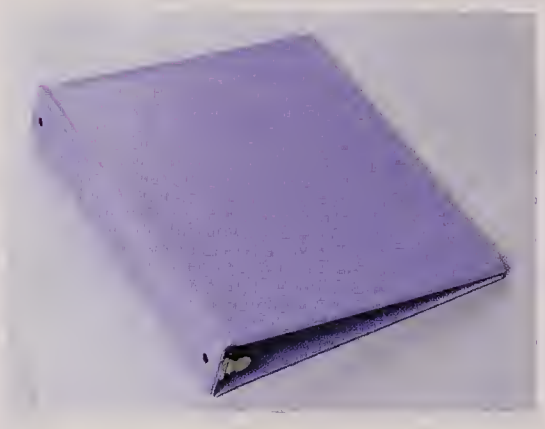
Envelopes (25-pk)
1-04230-00 $6.00

Covers for Braille Documents

Plastic covers measure 11 3/4 x 11 inches and are designed to bind 11 1/2 x 11 inch braille pages. May be bound with a 19-ring comb binding or twin loop binding. Will bind tractor-feed or manila 19-hole papers available from APH.

Royal Blue
1-04010-01 $3.00

Clear Frosted
1-04010-02 $3.00



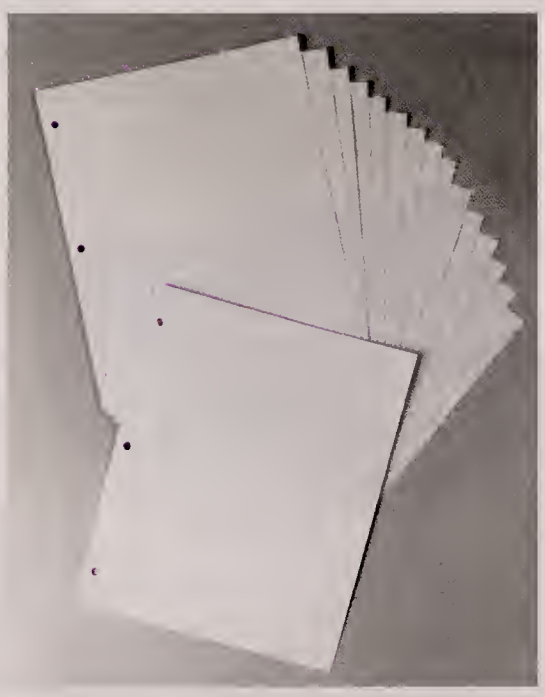
Braille Notebooks, 3-Ring

Made of heavy-duty board covered with vinyl. Two popular sizes: Azure Blue holds 8 1/2 x 11 inch braille paper and White holds 11 1/2 x 11 inch braille paper. Each holds approx. 100 sheets.

Azure Blue Notebook is not available with Quota funds.

Azure Blue
1-04320-00 $19.00

White
1-04380-00 $9.00



Dividers for Braille Notebooks, 3-Hole Punch

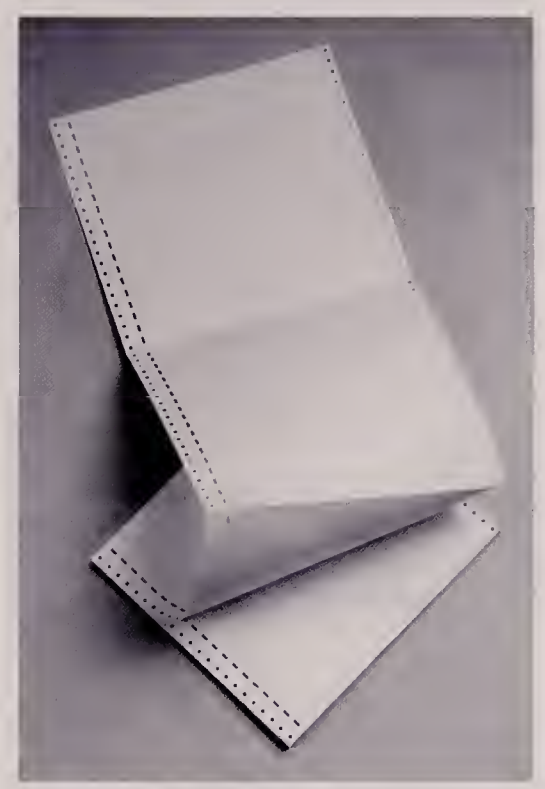
Dividers will fit the Azure Blue or the White 3-Ring Braille Notebooks. Heavy manila stock with an extra 1/2 inch edge that can be brailled with the subject of the division. 15 dividers per pack.

9 x 11
(for Azure Blue Notebook)
1-04225-00 $4.00

12 x 11
(for White Notebook)
1-04226-00 $4.00

Braille Paper

APH offers a wide array of braille paper for use with slates, braillewriters, computer braille embossers, and vacuum-form machines. Sheet quantities are approximate; all sizes in inches.



White Braille Paper

This 80# paper is for use with braille slates and braillers.

8 1/2 X 11

Unpunched R
Now with 400 sheets
1-04151-01 $10.00

3-Hole Punch 150 sheets
1-04401-00 $5.00

11 1/2 x 11

Unpunched 150 sheets
1-04221-00 $6.00

3-Hole Punch 110 sheets
1-04471-00 $5.00

3 3/4 x 5 3/4 6-Hole Punch
Fits in Pocket Notebook
250 sheets
1-04390-00 $5.00

White Fanfold Tractor-Feed Braille Transcribing Paper

This low dust paper is designed to be used with computer-driven braille embossing devices. It has a smooth surface. Tractor-feed holes may be torn off. 90# paper.

8 1/2 x 11
Unpunched 500 sheets
1-04137-01 $24.50

11 1/2 x 11
Unpunched 1000 sheets
1-04139-01 $50.00

3- and 19-Hole Punch
500 sheets
1-04138-01 $24.50

3- and 19-Hole Punch
1000 sheets
1-04140-01 $50.00

Manila Braille Transcribing Paper

Heavyweight 100# paper, for use with slates and braillewriters, holds dots well and can be used to create braille masters for vacuum-form machines.

8 1/2 x 11

Unpunched 500 sheets
1-04530-00 $20.00

3-Hole Punch
500 sheets
1-04660-00 $20.00

11 1/2 x 11

Unpunched 500 sheets
1-04540-00 $22.00

3-Hole Punch 500 sheets
1-04680-00 $24.00

19-Hole Punch 500 sheets
1-04650-00 $25.00

PermaBraille™ R

Now lighter weight, making it easier to braille and tool.

These 8 1/2 x 11 vinyl sheets provide a durable alternative to standard braille paper for a variety of tasks. Use for address and phone number lists, recipe cards, bulletin board displays, flash cards, tactile displays, and much more.

Advantages of PermaBraille

- Use with either a braillewriter or slate and stylus
- Braille dots are durable and easy to read
- Waterproof and resistant to tearing
- Tactile graphic displays can be created by using a variety of cold-forming tools and specialized drawing tools
- Receptive to permanent markers for adding print labels/notes
- Create tactile graphic displays by using spur wheels (such as APH's Line-Drawing Tool Kit, 1-08851-01) or APH's Tactile Graphics Line Slate, 1-00100-00

PermaBraille (50-pk)
1-08884-01 $19.00

Bold Print Paper

Makes it easier for users with low vision to complete written tasks. All sheet quantities below are approximate; all sizes are in inches.

Boldline Spiral Notebook

Looks like the type all students carry, but with bold line paper. 100 sheets of 8 1/2 x 11 inch paper, with 9/16 inch line space. Blue marble cover.

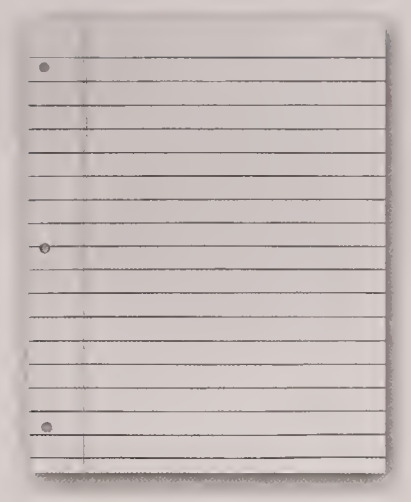
1-04825-00 $6.00

Collegiate Boldline Spiral Notebook

This notebook has more closely spaced bold lines than the Boldline Spiral Notebook. 75 sheets of 8 1/2 x 11 inch paper, with 7/16 inch line space. Black marble cover.

1-04826-00 $6.00

Bold Line Notebook Paper



Has black lines printed on white paper with a left-hand margin. Two styles: in a pad with no punching or in loose sheets punched for a 3-ring binder. 500 sheets of 8 1/2 x 11 paper.

Loose Sheets
3-Hole Punch

7/16 inch line spacing
1-04851-00 $17.00

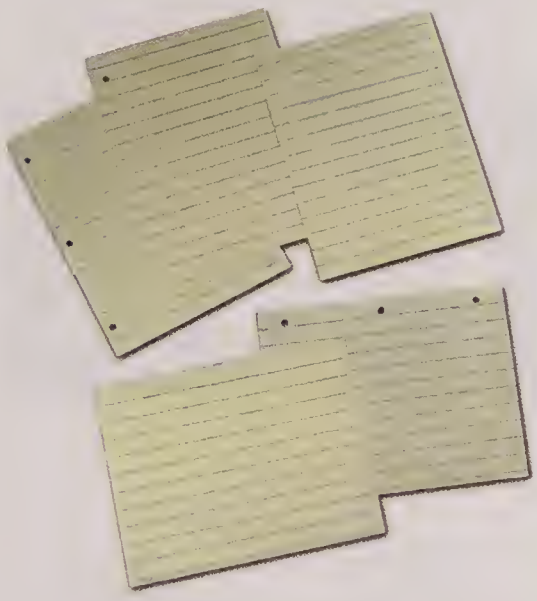
9/16 inch line spacing
1-04861-00 $17.00

Padded
Unpunched

7/16 Inch Line Spacing
1-04791-00 $17.00

9/16 Inch Line Spacing
1-04801-00 $17.00

Green-Lined Writing Paper for Primary Students



Off-white paper printed with bold green lines, (300-pk).

8 1/2 x 11

Unpunched
3/4 inch lines
1-04831-00 $15.00

3-Hole Punch
3/4 inch lines
1-04869-00 $17.00

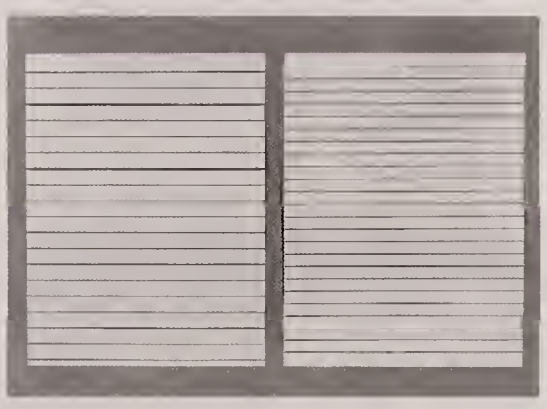
7/16 inch lines
1-04872-00 $16.00

11 x 8 1/2

Unpunched
3/4 inch lines
1-04841-00 $17.00

3-Hole Punch
3/4 inch lines
1-04881-00 $22.00

Bold Line Letter-Writing Paper



This paper has bold, black lines printed on white paper without margin. 500 unpunched sheets per pad, 8 1/2 x 11 inch paper.

7/16 Inch Line Spacing
1-04811-00 $17.00

9/16 Inch Line Spacing
1-04821-00 $17.00

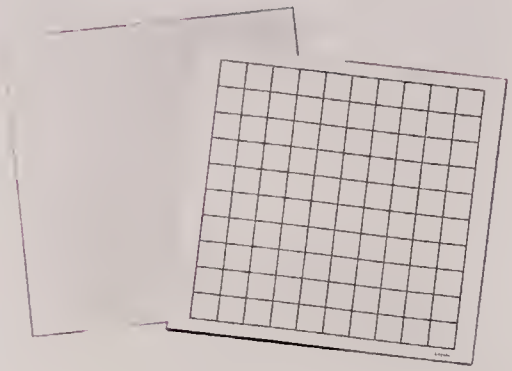
Antique Ivory Opaque Paper

Ivory colored, unlined paper for good contrast – great for photocopying large print documents, (500-pk).

8 1/2 x 11 R
1-04501-01 $16.00

11 x 17
1-04500-00 $25.00

11 x 14
1-04500-05 $23.00



Graph Sheets

Bold-line graph sheets have thick unit lines and thinner sub-unit lines. Embossed graph sheets have braille dot grids on manila paper.

8 1/2 x 11

Embossed (50-pk)

7 x 10 grid
1 inch squares
1-04055-00 $10.00

Bold Line (100-pk)

Coordinate Axes
15 x 20 grid
1/2 inch squares
1-04061-00 $43.00

31 x 40 grid
1/4 inch squares
1-04062-00 $43.00

For Bar Graphs
15 x 20 grid
1/2 inch squares
1-04063-00 $43.00

10 x 13 grid
3/4 inch squares
1-04064-00 $43.00

7 x 10 grid
1 inch squares
1-04065-00 $43.00

11 1/2 x 11

Embossed (50-pk)

13 x 13 grid
3/4 inch squares
1-04057-00 $10.00

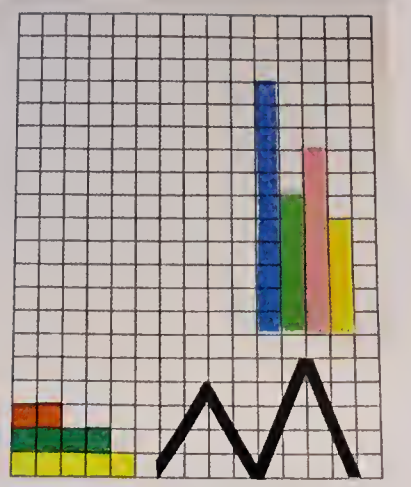
10 x 10 grid
1 inch squares
1-04058-00 $10.00

1-inch margin on 3 sides
18 x 21 grid
1/2 inch squares
1-04059-00 $10.00

Bold Line (100-pk)

10 x 10 grid
1 inch squares
1-04069-00 $44.00

Low-Relief Embossed Graph Sheets



Great for teachers and transcribers to use in making charts and graphs. Grid is embossed on 11 1/2 x 11 inch, 80# braille paper with margins, (25-pk).

19 x 19 Grid
0.4 inch squares
1-04046-00 $5.45

17 x 16 Grid
1/2 inch squares
1-04047-00 $5.45

13 x 12 Grid
5/8 inch squares
1-04048-00 $5.45

11 x 10 Grid
3/4 inch squares
1-04049-00 $5.45

20 x 20 Grid
1/2 inch squares, X-Y axis
1-04045-00 $8.00

Bold-Line Tactile Graph Sheets

These graph sheets combine tactile and print, which expand APH's graph sheet collection previously available only in embossed paper or print-only packages. Label and embellish the graph sheets using a variety of methods (e.g. braillewriter, line-embossing tools, tactile stickers, graphic art tape, etc.).

1-04080-00 $49.00

Pocket-Size Notebook, 6-Ring

Bound in imitation leather. Will hold approximately 50 sheets of 3 3/4 x 5 3/4 inch braille or bold line paper (not included). Has a pocket designed to hold a slate and a cloth page marking strip. Stylus can be tied to the cloth strip. Tabs make this notebook an organizer (sold separately).

1-04280-00 $20.00

Krebs' Binder, 19-Ring

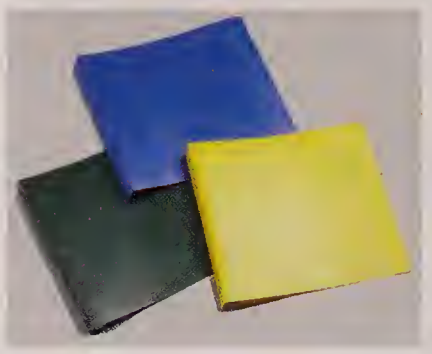
Made of heavy-duty board covered with imitation leather. Holds 11 1/2 x 11 inch 19-hole punched braille paper, 105 sheet capacity. Binder ring assembly consists of a metal back plate, metal rings, and a locking pin.

1-04260-00 $42.00

Spiral Pocket Notebook

Each notebook contains 50 pages of 80 pound white braille paper. Spiral binding makes it easy to handle. Measures 3 x 5 1/2 inches. Sheets are perforated and measure 3 x 5 inches when removed. Works easily with APH's Janus Slate.

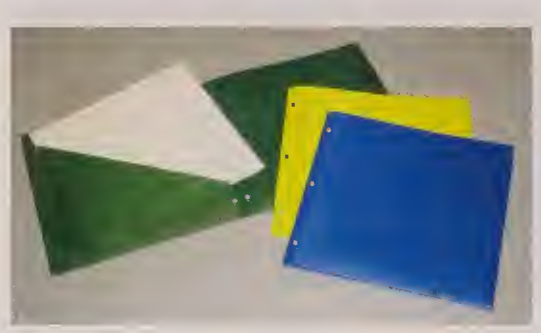
Spiral Pocket Notebook (6-pk).
1-04301-00 $26.00



Floppy Braille Binders

Durable plastic 3-ring binder designed to hold 11 1/2 x 11 inch braille sheets. Flexes to fit easily into a backpack. Includes 3 binders, 1 each: green, blue, yellow with an inside pocket.

1-04295-00 $16.00



Braille Pocket Folders

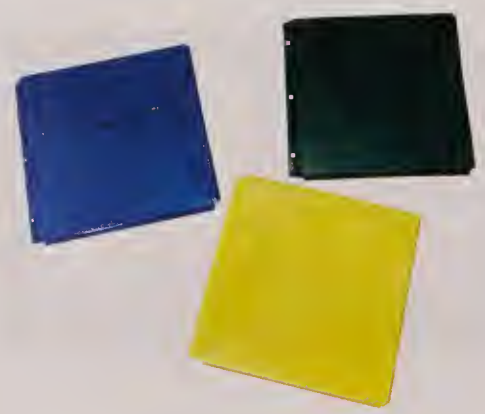
Will hold 11 1/2 x 11 inch braille sheets. Has slant-cut pockets. Punched for 3-ring binder. Made of durable, flexible plastic. Includes three folders, 1 each: green, blue, and yellow.

1-04294-00 $15.00

Super-Sized Folders

These folders are made of a semi-rigid polyblend plastic. They measure 12 x 11 1/4 inches with a depth of 3/4 inches, allowing full 11 1/2 x 11 inch braille sheets to fit. Part of the braille page remains uncovered so that the contents of each folder can be quickly scanned, 1 each: green, blue, and yellow.

1-04296-01 $15.00

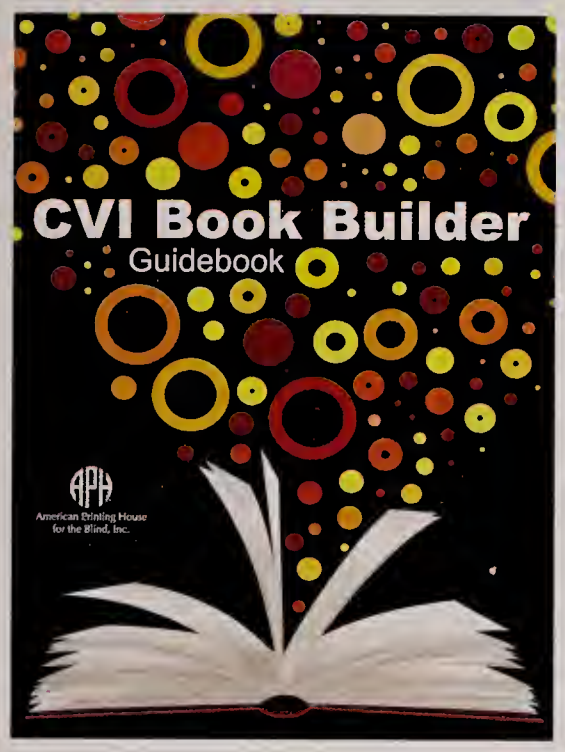


Plastic Binder Envelopes for Braille

These envelopes have a side tab that is 3-hole punched for use in a 3-ring binder and a flap that opens from the top and is held closed using three hook & loop coins. Accommodates up to 20+ sheets of braille, 1 each: green, blue, and yellow.

1-04297-00 $29.00

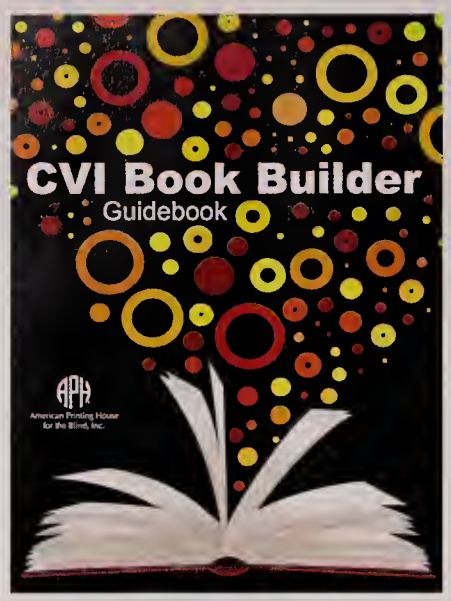
Visual Efficiency and Low Vision Section Index



Armadillo Army Software 134
Bright Line Reading Guide 126
Colored Shape Cards 132
CVI Book Builder N 122
CVI Complexity Sequences 133
Decision Making Guide N 123
Digital Light Box Artwork 132
ENVISION I and II 125
Explorer Bright Ray 124
Familiar Object Pictures 132
Increasing Complexity Pegboard 124
Individual Study Screen 124
Invisiboard 127
Light Box, Mini-Lite Box, Materials 128–130
Lighting Guide Kit R 131
Match Sticks 126
Mini-Lite Box Overlays N 128
Plexiglas Spinner and Spinner Patterns 131-132
Plexiglas Blocks 131
Pegs and Pegboard 131
Seated Parquetry Set 126
See Like Me: Low Vision Simulators N 123
Spinner Overlays for Light Box 128
Swirly Mat Sets 132–133
Teach Me to See Video 125
Teen Scene: Portraits of Success Video 125
Termite Torpedo Software 134
Toodle Tiles Software 134
Tri-fold Board 127
UltraLens 127
Variable Beam Flashlight Kit 124
Video Mag HD 126

Visual Efficiency and Low Vision Related Products

All-in-One Boards 91
Bold Line Paper 116–117
EZ Track Products 158
Fine Motor Development Materials 35
Reading Stands 102–103
Sensory Learning Kit (SLK) 34



CVI Book Builder N CVI

This book making kit is designed to create individualized books for children diagnosed with Cerebral/Cortical Visual Impairment (CVI).

Children diagnosed with CVI frequently have difficulty in understanding objects, pictures, and letters presented against a complex background. CVI Book Builder provides materials for parents and teachers to build books specifically for their reader. The kit provides a variety of black pages and black binders to use as low complexity backgrounds against which to present familiar items, photos, and letters/words.

Features

- Builds a connection between an actual object and a photo of that object, teaching that photos (symbols) have meaning.
- Takes advantage of natural learning opportunities; i.e. at toothbrushing times, present the child's toothbrush and describe it while letting them explore, and then proceed with brushing his teeth. Attach the toothbrush to a black needlepoint canvas page, present it next to the photo on a polyblend page.
- Once the child demonstrates understanding of the photos in the book, you can begin to expand learning by exploring size, direction, colors, and other developmental concepts.
- When understanding that symbols/pictures have meaning, they may be ready to explore letters/words.
- Additional book ideas are listed in the guidebook.

CVI Book Builder Collection Includes

- 3 Small, black binders
- 1 Large, Black binder
- 8 Black fabric pages for hook and loop attachments
- 8 Black magnetic pages
- 16 Black polyblend pages
- 10 page protectors
- Magnetic strips, adhesive-backed
- Regular profile black hook and loop adhesive-backed coin sets
- Braillable clear plastic label material
- 50 Plastic banding ties
- Large print guidebook

1-08825-00 $279.00

See Like Me: Low Vision Simulators N

These simulators are standard safety glasses that have been fit with inserts to mimic common eye conditions.

These simulators are designed to present a version of each specific eye condition listed below. These simulators are different from others on the market because they show the color changes that are often present in certain eye conditions as well as differences in vision that often occur between the two eyes.

No two eye conditions are the same and no two eyes are exactly the same, especially those that have disease, injury, or congenital anomaly. The See Like Me Low Vision Simulators cannot mimic any person's exact vision; instead, they give a general sense of what it is like to function with low vision that stems from a particular condition.

See Like Me Low Vision Simulators Eye Conditions

- Cataract
- Glaucoma
- Diabetic Retinopathy
- Macular Degeneration
- Retinitis Pigmentosa
- Detached Retina
- Hemianopsia
- High Degree Myopia

Recommended ages: 12 years and up.

1-08053-00 $149.00

Decision Making Guide N

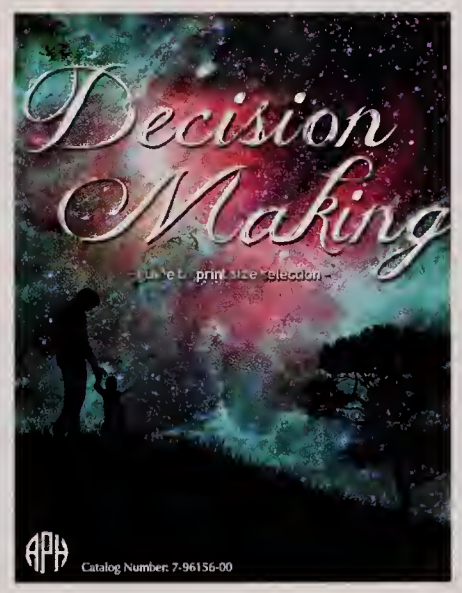
This guide provides a parent, teacher, or other professional with an easy formula to help determine the correct print size for a student's eye function.

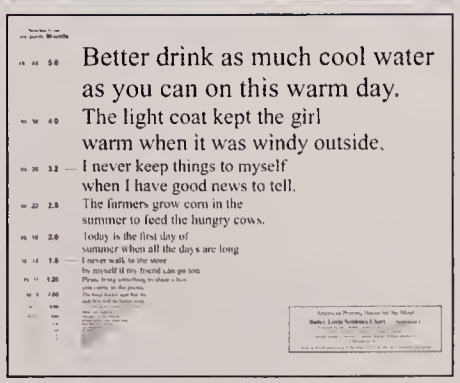
Decision Making Guide: A Guide to Print Size Selection is a quick guide to help determine the correct print size for a student's unique visual functioning. The estimate is reached as part of a learning media assessment with the use of word, sentence, and passage reading charts to arrive at print sizes needed for various tasks.

Includes

- Bailey-Lovey Charts (Word Reading, Sentence Reading, Passage Sample, and Pre-Primer Sentence Reading)
- Large print guidebook

7-96156-00 $51.00





Explorer Bright Ray

This head-worn LED lamp helps adults and students with many activities. Features 3 light intensity settings, adjustable angle and head straps, very low energy usage, unbreakable lens, and water resistant. Included book tells reader everything they need to know about Light Emitting Diodes (LEDs).

1-08943-00 $79.00

Increasing Complexity Pegboard

The Increasing Complexity Pegboard was created for children with visual impairments, including those diagnosed with CVI. Paired with diagnostic teaching strategies, the pegboard set helps to determine and support the child's color, lighting, movement, and complexity needs.

Note: The APH Tactile Graphic Image Library (TGIL) has access to 3-D printing files, allowing additional pegs to be printed on your own 3-D printer.

1-08160-00 $169.00

Individual Study Screen (ISS)

Allows low vision students to view films and slides. A rear-projection technique enables one student to get as close to the screen as he/she requires. Constructed of tough plastic, screen measures 13 x 10 1/2 inches. Image is projected on a frosted plastic insert.

Recommended ages: 6 years and up.

1-03300-00 $22.00

Variable Beam Flashlight Kit

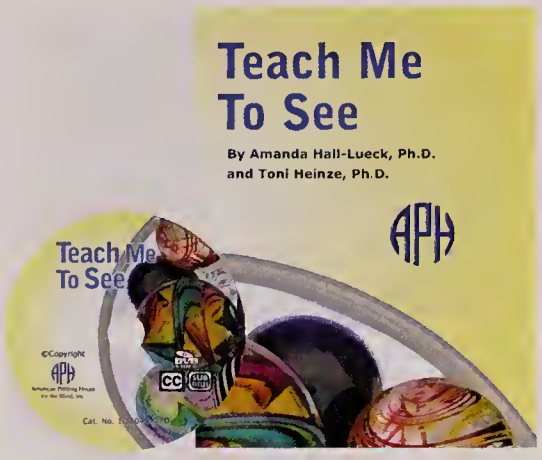
Designed to help students develop visual awareness and tracking skills. Kit includes: Instructions and activities, two variable beam flashlights, two sets of five translucent and four transparent color lenses, Color Beam Book (Large Print with CD), and AAA batteries.

1-08390-02 $66.00

Teach Me to See

This DVD gives practitioners guidance on developing and carrying out activities that are functional and have meaning to each child. Listen to experienced teachers talk about orientation and mobility skills, immersive learning, visual development, and choice-making for their young students.

1-30044-DVD $10.00



Teen Scene: Portraits of Success Video

Starring four Kentucky teenagers with low vision, this 39-minute video will make you laugh, warm your heart, and make you feel as though you know these teens! It's all about being successful, self-advocating, dating, playing sports, or achieving in school or on the job. Closed captioned.

1-30011-DVD $25.00

ENVISION PARTS

The ENVISION training program uses stories and activities about Emmy the Emu and other high-interest characters to teach students skills such as tracing, tracking, and scanning. Erichment activities and objectives for each lesson, as well as reports to the clinician are included.

ENVISION I with Telescope Array for Distance Devices – simulates standard street signs, addresses, international symbols, and familiar objects.

1-08551-00 $919.00

ENVISION II with Magnifier Array for Near Magnification Devices – simulates graphics and print used in textbooks and literature.

1-08552-00 $755.00

Video Mag HD

American Printing House for the Blind and Freedom Scientific partnered to develop the Video Mag HD, a durable, kid-friendly handheld high definition video magnifier.

Video Mag HD combines a high-definition camera with a rugged, lightweight body. It's auto-focus HD camera can magnify from 2x to 13x. 4.3-inch LCD screen. Supports five default color modes and 15 additional contrasting color modes.

Available with Federal Quota funds!

1-03914-00 $499.00 + shipping

Match Sticks

This game is designed to provide children in Phases II and III of the CVI Range Assessment* with a matching activity that is fun and entertaining and that helps develop vision skills.

*Roman-Lantzy, C. (©2007). Cortical Visual Impairment: An Approach to Assessment and Intervention. American Foundation for the Blind Press.

Recommended ages: 5 years and up.

1-08157-00 $104.00

Bright Line Reading Guide

Place guide over text to highlight, eliminate glare, and promote maximum contrast. Bright Line Reading Guide is 10 inches long, but can be cut to any size and three-hole punched for placement in a binder. Each pink or yellow guide comes in a vinyl protective pouch.

Yellow (2-pk)
1-03060-00 $11.00

Pink (2-pk)
1-03061-00 $11.00

Seated Parquetry Set PARTS

Stimulates use of residual vision and helps to develop visual efficiency. Students master visual discrimination, eye-hand coordination, part/whole concepts, matching skills, and visual memory skills. Uses recessed form boards that can be raised to the eye while holding the parquetry pieces in place.

Recommended ages: 3 years and up.

1-03650-00 $229.00

UltraLens

Black lights, which generate both UV and blue light, are sometimes used in vision development activities. UltraLens glasses screen out 100% of UV and blue light while still allowing the wearer to see the "glow" of materials as they fluoresce. A soft case is included with each UltraLens.

Note: Filters like the UltraLens should always be worn by both the practitioner and the child during exposure.

Infant With Headstrap
1-08177-00 $33.00

Jr. With Headstrap
1-08176-00 $33.00

Jr. Clip-On
(for child who wears glasses)
1-08178-00 $23.00

Adult
(worn alone or over glasses)
1-08175-00 $11.00

Invisiboard PARTS CVI

Block out distractions for students with CVI. This portable, lightweight 48 x 30 inch tri-fold board eliminates visual clutter with a solid white, slick material on one side and a solid black, hook-and-loop material on the other. Includes carrying case and print/braille manual.

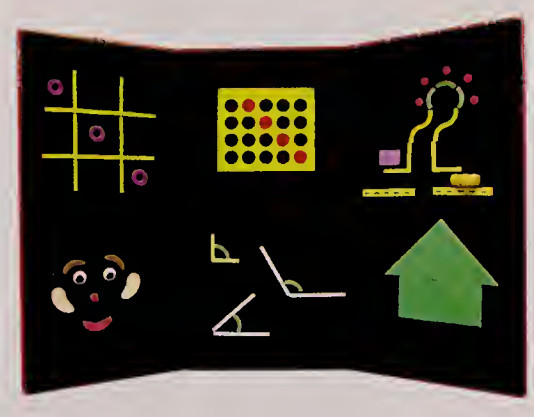
1-08541-00 $152.00

Note: Tic-Tac-Toe Accessory kit and Invisiboard sold separately.

Tri-Fold Board CVI

This board measures 37 x 24 inches and is covered with hook-and-loop material that can be used in combination with many existing APH hook-and-loop material-backed pieces, as well as with commercially available OR teacher/parent-made manipulatives. Two 3/4-inch nickel plated D-rings are riveted in the top for easy hanging.

1-08859-00 $66.00



Note: Pieces shown are not included with the board. The Tri-fold Board is included as a component in Azer's Interactive Periodic Table Study Set.

Mini-Lite Box, Overlays N CVI

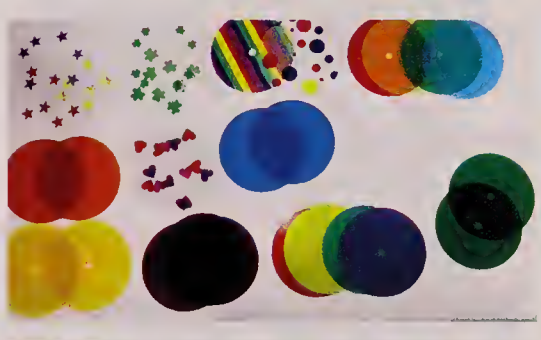
Mini-Lite Box Overlays enable parents and teachers to build visual complexity and customize lessons according to the needs of their learner.

Used for instruction or assessment in color and shape identification, and counting, parents and teachers can individualize their lesson(s) by adding layers of Mini-Lite Box overlays according to each student's level of visual complexity.

Includes

- Translucent overlays in three colors and three shapes (red, blue, yellow; circles, squares, triangles)
- Translucent overlays with black horizontal stripes, vertical stripes, and rainbow stripes
- Translucent solid color overlays in pink, orange, and purple
- Large print guidebook

1-08659-00 $109.00



Spinner Overlays for the Light Box PARTS CVI

Designed to support the individual needs of learners with Cortical Visual Impairment (CVI) or low vision, Spinner Overlays can be adapted and layered for many purposes. They use light, movement and increasing levels of complexity and may be customized by creating patterns with the included pre-cut stickers, or with commercially available stickers.

Warning: Choking Hazard–Small Parts. Not intended for children ages 5 and under without supervision. Seizure Hazard–Use of this product can simulate flashing lights. Adults supervising learners prone to seizures brought on by flashing lights are advised to use this product with caution.

1-08692-00 $311.00

Light Boxes

When they are used with unique sets of materials, APH's Light Box and Mini-Lite Box help develop awareness of light, color, and objects and assist in the instruction of tracking, scanning, eye-hand coordination, visual discrimination, and visual perceptual skills.

Recommended ages: All.

Overlays sold separately

Light Box PARTS CVI

The Light Box has a lighted translucent white work surface, providing a high contrast background for opaque materials and a source of illumination for colored transparent and translucent items. Includes dimming control, and can be used flat or tilted at three angles. Included adapter accepts power from 110VAC to 220VAC.

Please Call Customer Service

Mini-Lite Box PARTS CVI

APH's Mini-Lite Box is smaller, lighter, and more affordable than the Light Box. The Mini-Lite box is usable at a student's desk or on his/her lap. Individual items from Light Box Materials Levels I, II, and III can be used with the Mini-Lite Box. An optional Mini-Lite Box Carrying Case is available. Also available separately are Mini-Lite Box Transparent Overlays which may be used to promote light awareness; improve contrast and visibility; and introduce color matching.

1-08661-00 $135.00

Light Box Materials and Activity Guides

The Light Box Materials include Activity Guides. These guides have sections on CVI, references to products, and increased accessibility. Guides are available in English and Spanish. Activity Guides for all three levels may include a number of Activity Sheets.

Note: Most Light Box Materials in all levels can be used with the Mini-Lite Box.

Level I PARTS CVI

Materials help teach basic visual skills, eye-hand coordination, and simple matching skills.

Recommended ages: Birth to 4 years.

1-08670-00 $438.00

Level II PARTS CVI

Helps teach matching and identification skills, part-whole relationships, sequencing, pattern duplication, spatial relationships, and visual memory skills.

Recommended ages: 3 to 5 years.

1-08680-00 $854.00

Level III PARTS

Help students develop: prewriting and handwriting, matching and sorting, recognition and identification, spatial relationships, visual memory, sequencing, figure-ground discrimination, visual closure, and part-whole relationships.

Recommended ages: 4 to 6 years.

1-08690-00 $979.00

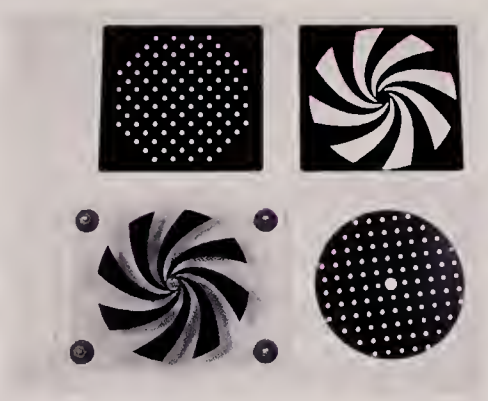
Lighting Guide Kit R PARTS

The Lighting Guide Kit includes the Better Vision Lamp, now enhanced with a 2700K LED bulb and two-level brightness, and a large print booklet, LEDs - presents information, based upon latest research, about light and its physical properties, as well as how to decide what kind of light is best for a given student or situation. Perfect task lighting for low-vision users of all ages

Note: The Better Vision Lamp is not available separately.

1-08941-01 $159.00

Plexiglas® Spinner and Spinner Patterns



Spinner, made of clear plastic, is used with overlays to create highly contrasting, moving patterns to stimulate visual awareness and encourage attention and visually directed reaching. Suction cup feet hold the spinner base in place.

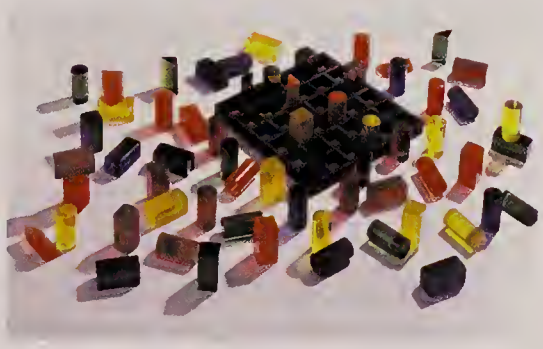
1-08664-00 $88.00

Plexiglas Blocks

Colored transparent and translucent geometric shapes in two sizes to create displays for attracting visual attention; encouraging visually directed reaching; matching by shape, size, and color; and for introducing spatial relationships. Thirty pieces in six colors and three shapes: circle, triangle, and square.

1-08663-00 $43.00

Pegs and Pegboard CVI



Fosters eye-hand coordination, awareness of spatial relationships, and matching and sequencing skills. Includes 64 colored translucent pegs in three shapes and five colors for use in or out of the included 6 x 6 grid pegboard.

1-08665-00 $179.00

Familiar Object Pictures

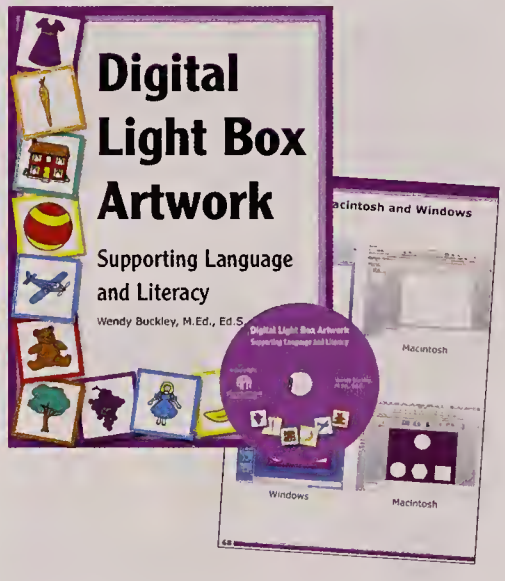
Colored transparent pictures of 15 household objects are provided in pairs (30 cards total) for matching and identification. Pictures are silk-screened on clear 6 x 6 inch plastic stock.

1-08666-00 $82.00

Colored Shape Cards

Colored transparent and translucent pictures of geometric shapes for identification and matching by shape, color, and size. Thirty cards provided: two each of nine shapes, some in three sizes. Shapes are silk-screened on clear 4 x 4 inch plastic stock.

1-08667-00 $54.00



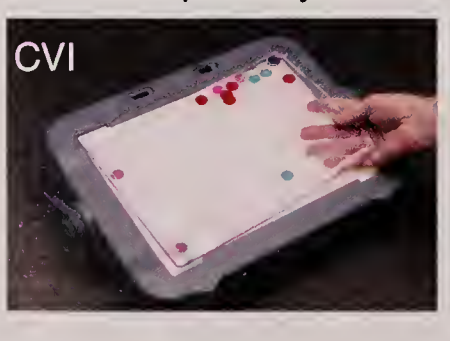
Digital Light Box Artwork

Use Digital Light Box Artwork (DLBA) with your software to provide extension activities for the Light Box and/or provide familiar images for children who transition from Light Box to computer activities.

APH has digitized the individual art pieces from the APH Light Box Materials for use on your computer! The large print instruction guide teaches how to create activities. The artwork can be used with many commercially available authoring programs. Artwork files are in .png format. Includes a large print guidebook with CD-ROM.

1-08691-00 $40.00

Mini-Lite Box
sold separately



Swirly Mat Sets

Durable, non-toxic Swirly Mats come in two sets: Cortical Visual Impairment (CVI) and Functional Vision Assessment (FVA). The mats in the CVI set are less complex. The mats in the FVA set are more complex. Both mats can be used for locating, tracking, color discrimination, etc. Try them with APH's Mini-Lite Box (sold separately) for a different effect. Each set includes white background mat, print and braille instructions, and a plastic carrying case.

CVI
1-08153-00 $61.00

FVA
1-08154-00 $55.00

***Note:** Always provide adult supervision when using Swirly Mats/Swirly Mats II with young children. Mats are completely sealed; however, in the event of a rupture, small pieces inside the mats may present a choking hazard. Liquids are non-toxic but will stain. Use caution.

Swirly Mats II

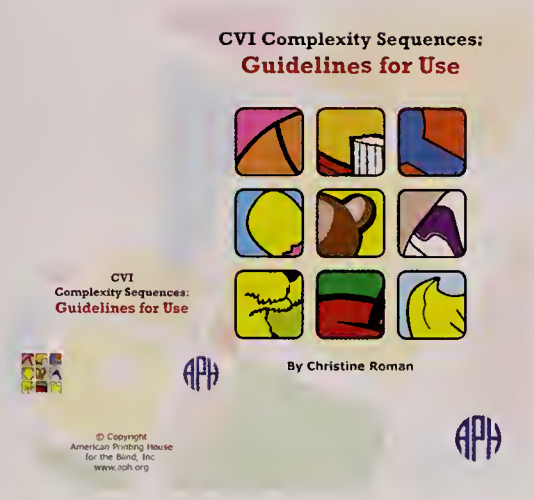
Swirly Mats II CVI™ have added elements for more complexity; Swirly Mats II FVA™ have added elements and different color choices. Try them on one of the durable tabletop mats included in the kits.

***See note of caution at the bottom of page 130.**

CVI
1-08158-00 $84.00

FVA
1-08159-00 $86.00

CVI Complexity Sequences Kit



Includes cards that present sequences of images designed to refine the ability to identify a target in the presence of increasing amounts of background information. These cards may be used individually or as a sequence and should be presented against a black or plain, light-absorbing background.

Recommended grades: Preschool and up.

1-08156-00 $62.00

CVI Complexity eBook and Interactive Cards

CVI Complexity Sequences eBook and Interactive Cards has the same information and content as the CVI Complexity Sequences Kit. The eBook edition also includes an interactive feature: successfully touching the target image results in an audio response that acknowledges the action.

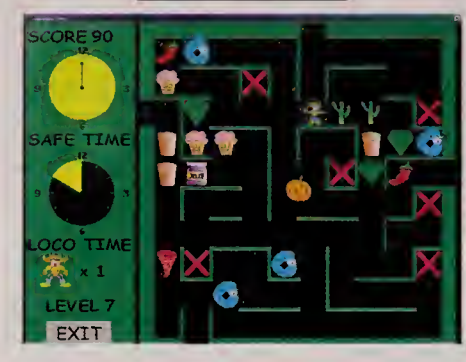
In addition to tablet devices, CVI Complexity Sequences eBook and Interactive Cards can be used on Macs and on PCs. At this time, the audio feature is not supported by all eReaders. To determine if an eReader supports the interactive feedback, ensure it supports EPUB 3.x format or newer.

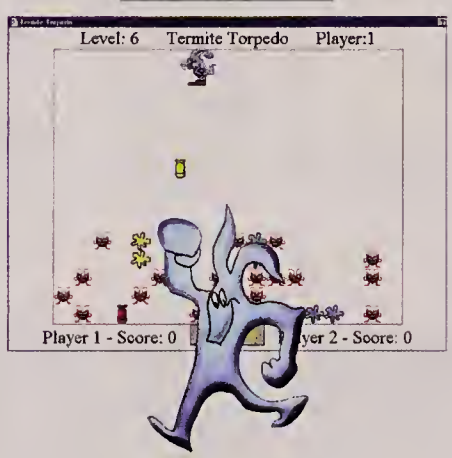
Recommended grades: Preschool and up.

Note: This publication cannot be ordered directly using the APH Shopping Site, please contact our customer service department on how to purchase. For more information about epub files, see page 182.

Quota or Non-Quota
D-03610-ED $9.95

Non-Quota
Available from iTunes or iBooks
D-03610-ED $9.95





APH Software for Windows System Requirements

Requirements to run: PC running Windows® 7 or later. Software requires a sound card, speakers, and CD-ROM drive.

Armadillo Army™

The game has bright, large graphics, as well as meaningful sound elements. Low-vision users practice lateral eye movements, vertical eye movements, searching skills, timing skills, visual discrimination skills, peripheral detection skills, eccentric viewing skills, and eye-hand coordination.

CD-ROM
D-03400-00 $49.00

Digital Download
D-03400-ED $39.00

Termite Torpedo™

An educational game that gives students with low-vision practice in the visual skills of locating, fixating, tracking, aligning, and following. Termites are eating their way through Woodville! Only you can save the city by clearing the playing field of 12 levels of termites!

CD-ROM
D-03470-00 $39.00

Digital Download
D-03470-ED $39.00

Toodle Tiles: Emmy's Town™

Based on the matching game of Mahjong, the object is to clear away matching tiles and pave the way for the new mayor of Emuville. Features bright, high-contrast colors and simple designs in five different tile sets.

CD-ROM
D-00300-00 $49.00

Digital Download
D-00300-ED $39.00

Orientation and Mobility Section Index

Crossings With No Traffic Control N 136
Denver the Guide Dog Video 139
Echolocation and FlashSonar 137
Miniguide US 138
Nearby Explorer 137–138
O&M
- Family Booklet Software 139
- Trivia (Alexa Skill N and Google Action) 139
- Tactile Graphics 139
- For Wheelchair Users w/VI 140

Picture Maker 141
Step-by-Step 140
Tactile Town 137
Teaching Street Crossing 136

Orientation and Mobility Related Products

Calendar Kits 99
DRAFTSMAN Tactile Drawing Board 97
Fine Motor Development Materials 35
Geometric Forms 57
Moving Ahead Series 32
Portable Sound Source 81
Reach & Match 21
Reclaiming Independence Video 155
Rolling Right Along Construction Kit 41
Sensory Cylinder Set 38
Small, Medium, and Large Circles Sets 38
Sound Matching Board I & II 37
Sunu Band 152
Tactile Treasures 35
Textured Pegs 36
Textured Sorting Circles and Shapes 55
Touch and Tell 104
Touch 'em All Baseball 161
TREKS: Game of Compass Directions 163

Crossings With No Traffic Control N

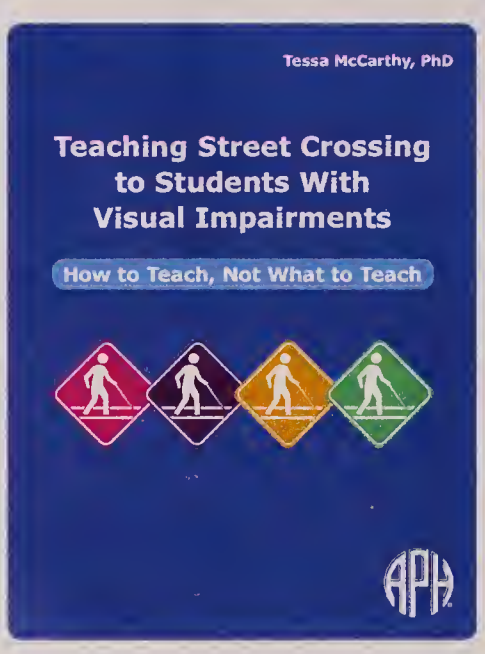
This software provides simulation experiences and information that help instructors teach students to analyze situations at street crossings where there is no traffic control, including recognizing when they don't have enough warning of approaching vehicles ("Situations of Uncertainty").

Instructors will take an active role in their students' learning, providing direct supervision and dynamic engagement. The product includes additional hardware to aid in this effort. Student content is narrated throughout the software; instructor content is not read aloud.

Crossings With No Traffic Control contains a self-updating feature that activates automatically once connected to the internet.

Important Liability Notice: The American Printing House for the Blind, and author Dona Sauerburger, COMS, offer O&M Specialists with this product to help students learn the concepts and skills necessary to analyze and negotiate crossings that have no traffic control. Before using this product with students, instructors must read the first section in Chapter One: How to Use this Product.

1-18988-00 $62.00

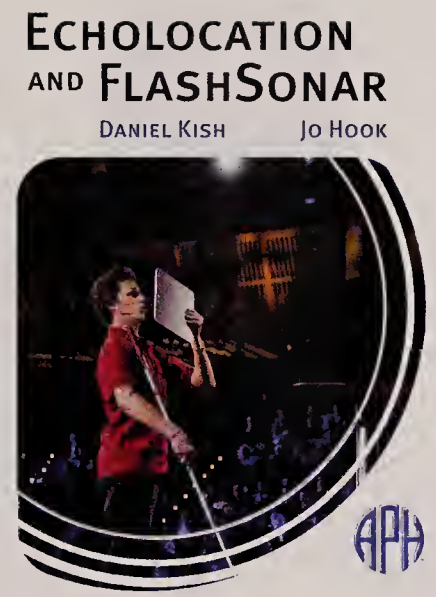


Teaching Street Crossing to Students With Visual Impairments

How to Teach, Not What to Teach provides information about teaching various components of street-crossing skills at appropriate ages/developmental levels; sequencing skills and environments; and using appropriate pedagogical strategies to enhance effectiveness of street-crossing instruction. Practical case examples and vignettes throughout the manual apply concepts to real-world scenarios.

8-75978-00 $27.00

Echolocation and FlashSonar



This large print guidebook, written by Daniel Kish and Jo Hook, provides instructional strategies for teaching use of echolocation as a method of gaining information about space and objects/environmental features in the world around them.

Although Echolocation and FlashSonar works well as an instructional manual for O&M specialists, it can also be used by adults who are blind and visually impaired who are working independently. An extensive list of references and resources is provided for the reader.

Warning: FlashSonar skills should be used along with a human guide, dog guide, or cane.

8-75975-00 $77.00

Tactile Town: 3-D O&M Kit

Tactile Town provides an interactive, 3-D model to help teach spatial concepts and environmental layouts. This Kit assists in the development of cognitive mapping skills by helping students organize their physical environment. Has a wide variety of components that can be easily customized or extended, Tactile Town is an ideal starter kit for instruction and reinforcement of mapping skills and concepts.

Recommended ages: 5 years and up.

1-03135-00 $479.00

Nearby Explorer Online

The online version of Nearby Explorer is available to download for free on the Google Play store. It contains no onboard map data, so there are no licensing fees to pay, therefore, it is free to you! While Nearby Explorer Online is potentially very useful as a tool everywhere, the online version does require a device with a network connection to use.

Note: Nearby Explorer Online is a "lite" version of the Purchased App. It does not give directions, offer a map view, offer compass mode, or explore nearby intersections.

For complete details about Nearby Explorer Online, visit: **tech.aph.org/neo_info.htm** To install, visit: **https://play.google.com/store/apps/details?id=org.aph.nearbyonline**

FREE

GET IT ON Google Play

Available on the App Store

Nearby Explorer™ App

This powerful location exploration app is for use online and on Android™ and iOS devices. It's a full featured GPS app that empowers users to independently explore with confidence!

Nearby Explorer uses GPS and your phone's compass to speak real-time information about your surroundings. Includes millions of points of interest (POI) in the U.S. and Canada. When used with a built-in compass, the app also provides feedback about features in your environment. Available in three versions. Individuals are welcome to purchase Nearby Explorer!

An additional feature is Indoor Explorer, which provides location and orientation inside buildings that have been mapped and equipped with beacons.

Note: This app cannot be purchased directly from APH, please refer to page 181 on how to order.

Warning: Nearby Explorer should be used along with a human guide, dog guide, and/or cane because it does not provide sufficient information to act as a substitute for your preferred O&M method.

Non-Quota

Search on The App Store or Google Play Store to download.
$79.99

Quota

For Android devices
D-20000-AN $79.99

For iOS devices
D-30022-APL $79.99

Miniguide US

Uses ultrasound to detect objects, and gives tactual or auditory feedback by vibrating or chirping more rapidly as you approach an object. Ideal for use by deafblind persons.

When used with a cane or dog guide, the Miniguide US can help find paths through crowds at ranges from 20 inches to 26 feet.

Warning: The Miniguide US should be used along with a human guide, dog guide, and/or cane because it does not detect drop-offs and does not provide sufficient information to ensure safety.

With Print User's Guide
1-07006-00 $545.00

With Braille User's Guide
1-07007-00 $545.00

O&M Trivia N

Available as an Amazon Alexa Skill or Google Action, O&M Trivia covers a variety of topics including cardinal directions, cane techniques and landmarks. The virtual assistant makes this content accessible in the home, classroom, or on the go!

Alexa Skill
D-03480-AS FREE

Google Action
D-03480-GA FREE

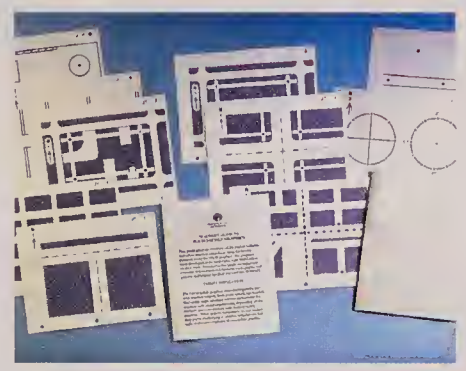
O&M Tactile Graphics

Helps teach orientation and mobility concepts (compass directions, clock locations, and navigating outside and inside).

Teacher's Guide gives basic ideas for lesson planning using the graphics, suggested concepts, and instructional hints.

Recommended ages: 8 years and up.

1-20100-00 $46.00

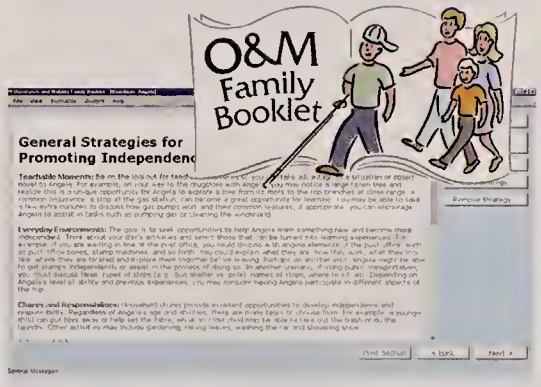


O&M Family Booklet Software

O&M Family Booklet software from APH is designed for O&M professionals. Let the software do the work for you – just type or select what you want the family to understand.

CD-ROM
D-03480-00 $50.00

Digital Download
D-03480-ED $50.00



Denver The Guide Dog Video

Produced by the Discovery Channel cable network for their Animal Planet® Pet series, this video is for anyone who'd like to know more about guide dogs or would just like to meet Denver.

Celebrate with Heathcliff as he's honored after twelve faithful years of service, and meet the new kid on the block – Denver. In this episode see how Denver got his start, "made the cut" at guide dog school, and was matched with Gary. Be amazed as you watch how hard the two of them have worked to become the team they are.

1-30010-DVD $15.00

Step-By-Step: An Interactive Guide to Mobility Techniques

Developed by Dr. Sandra Rosen, Step-by-Step guides the user in strategies to identify and correct mobility errors commonly made by new learners. Designed for in-depth study, each spiral bound volume describes in words and pictures how to perform mobility techniques for a given learning module; provides strategies for choosing teaching environments; lists prerequisite and related skills; and includes instructional strategies.

Warning: Only O&M specialists should teach the 30 techniques included in Long Cane Techniques, Street Crossing Techniques, Special Environments, and Transportation Techniques modules; however, teachers of students with visual impairments, vision rehabilitation therapists, and other professionals, family members, and friends may wish to learn, as appropriate, some of the 23 techniques included in Human Guide Techniques, Non-Cane Techniques, and Special Techniques modules.

8-75980-00 $299.00

Orientation & Mobility for Wheelchair Users with Visual Impairment or Blindness

Video Clip: Backing onto a van lift in a manual wheelchair

One of over 190 video clips: Boarding a train when using a scooter

Orientation & Mobility for Wheelchair Users With Visual Impairment or Blindness

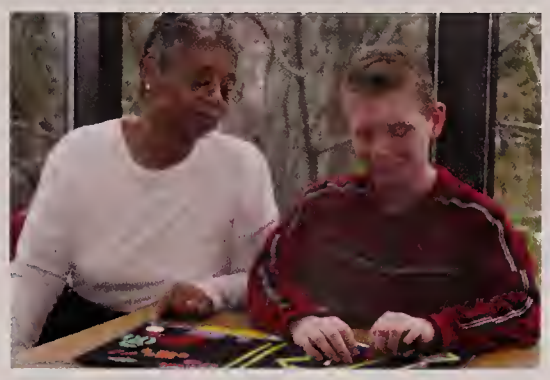
This web-based publication helps O&M instructors learn how to train students who are wheelchair users to travel safely and effectively. It shares techniques and strategies that are proven successful with clients/students in the rehabilitation setting. Needs an internet connection, works on Windows and Mac operating systems, and iOS devices.

Note: This online publication cannot be ordered directly using the APH Shopping Site. Please contact the APH Customer Service Department. This publication IS available with Quota funds.

D-03490-ED $4.99

Picture Maker

These picture-making kits can be used for numerous educational and recreational activities! Use optional products for more possibilities.



Wheatley Tactile Diagramming Kit

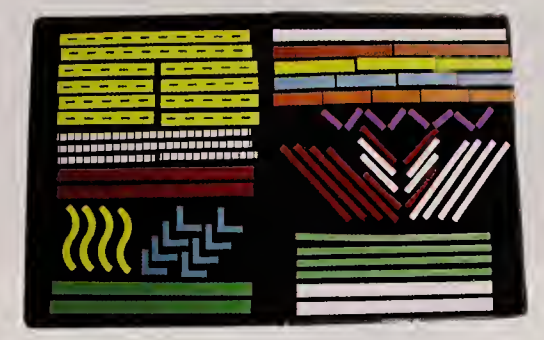
This fun, colorful tactile board includes a felt covered board measuring 20 3/4 x 13 inches, and a wide variety of hook-and-loop material-backed pieces that attach to the board in an infinite number of patterns. Features over 100 pieces in many shapes, sizes, textures, and colors. Extra hook-and-loop material provided for helping to create additional tactile pieces. The large print/braille guidebook has suggestions and example layouts.

1-08838-00 $159.00

Textured Strips

Provides additional textured diagramming strips for use with Picture Maker. Strips are different in texture, number, color, and size from those included in the original kit. These strips can be used to represent different map features.

1-08838-02 $83.00



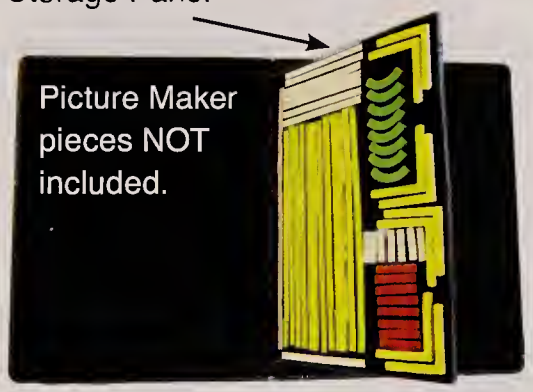
Picture Maker felt board NOT included with Textured Strips.

Storage Panel

Store unused Picture Maker pieces so the entire main Picture Maker board can be used for diagramming purposes. The 8 1/2 x 11 inch panel is double-sided with soft black Veltex® material, 3-hole punched edge, and customer-applied hook-and-loop material tabs.

1-08838-03 $20.00

Storage Panel



Geometric Textured Shapes

Provides additional hook-and-loop material-backed textured shapes for use with APH's Picture Maker. Use in combination with the diagramming strips and shapes included in the original kit. Can also be used with APH's All-In-One Boards (Magnetic/Hook-and-Loop Material/ Dry Erase).

1-08838-01 $69.00

Some parts you receive may vary slightly from those depicted in photos. Felt board is NOT included.

Assistive Technology and Electronics Section Index

Book Port DT 146
Book Wizard Software 147
Braille Badges 147
BrailleBlaster 144
Digital Talking Book Cartridge 145
Headphones 147
JAWS and ZoomText 145
Jupiter Portable Magnifier N 144
Math Flash N 143
MATT Connect 143
Orbit Reader 20 146
Snap Circuits Jr. Access 143
USB Charger, 2 AMP 147
Visual Brailler 146

Assistive Technology and Electronics Related Products

APH Sound Balls 80
Braille Trail Reader LE 5
Code Jumper 7
Color Star 154
Colorino Talking Color Identifier 156
Draw2Measure Protractor (for iOS devices) 50
Flip-Over FACES App 200
IntelliTactiles Pre-Braille Concepts 98
Learn Keys: Verbal Keyboard Feedback 101
Miniguide US 138
Money Talks Software 157
Nearby Explorer 137–138
Portable Sound Source 81
Practice2Master Fractions 49
Slapstack Math 51
SMART Brailler 113
Studio Recorder Software 170
Sunu Band 152
Talking GlowDice 161
Talking Products (various) 156–157
Talking Typer 100
Video Mag HD 126

Math Flash™ N

Now With Alexa Skill!

Based on the popular Math Flash software that combines math flash cards with fun audio feedback and a snarky personality. When triggered, Math Flash will allow students to practice math facts on compatible devices. You may choose from three difficulty levels and select which math operations you would like to focus on (addition, subtraction, multiplication, or division).

Recommended ages: All.

Alexa Skill
D-19910-AS
FREE

Google Home Assistant
D-30028-AP
FREE

Snap Circuits® Jr.

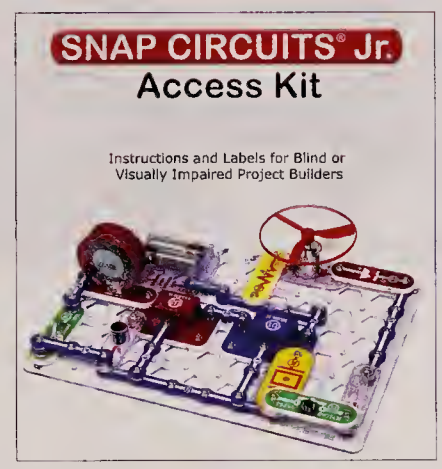
An entry-level product for learning about circuits, current, resistance, switches, motors, and other basic electronics concepts. Sold in stores, it is widely used in classrooms because the parts are durable, colorful, and easy to assemble into projects that light up, make sounds, and more. The Snap Circuits Jr. Access Kit, which is sold exclusively through APH, includes the commercial product and makes it accessible to blind and visually impaired users by providing parts labeled in braille, along with written project instructions in braille and large print.

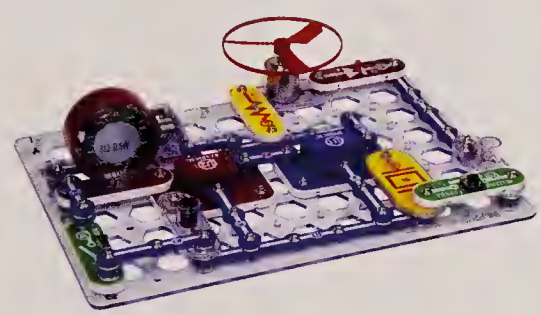
Developed by APH with generous cooperation and contributions from Elenco®, makers of a wide variety of learning kits. Please visit **www.elenco.com** for information about their products and services.

Recommended ages: 8 years and up.

Access Kit
1-03041-00 $129.00

Access Pack
(labels and instructions only)
1-03042-00 $73.00





MATT Connect™

The MATT Connect is a magnifier, distance viewer, and an educational tablet with pre-loaded software – all in one device!

Students can magnify a print document or read a book from an online library and have the ability to conduct internet research, view a distant or connected smartboard, while writing and emailing assignments. The 12-inch HD touchscreen is lightweight, sturdy, and extremely portable with removable stand.

The MATT Connect is available with Quota funds.

1-03941-00 $2,995.00 + shipping

Jupiter Portable Magnifier N

American Printing House INNOVATIONS

Whether it's in the classroom, workplace, or at home - this powerful HD magnifier allows you to continue those activities that bring joy to everyday life, while exploring new opportunities for lifelong education.

Features

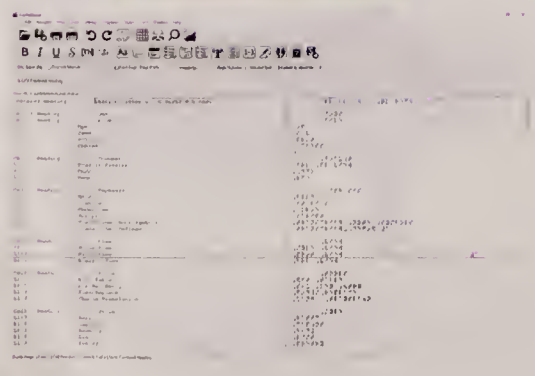
- LCD Screen Size: 13"
- Weight: Approx. 8 lbs.
- Three camera modes:
  - Reading: excellent for reading a book, prescription bottle labels, completing a homework assignment, etc.
  - Distance-view: magnifies up to 150x and is great for viewing a presentation, guest speaker, instructor, etc., at the front of a classroom/venue.
  - Self-view: serves just like an HD mirror, and is perfect for applying make-up and other grooming activities.
- LED screen with adjustable light brightness.
- 35 color contrasting color modes to select according to your viewing preference and comfort.
- Jupiter's durable and portable design allows you to take this easy-to-use magnifier on the go!

Includes

- Jupiter Portable Magnifier unit
- Carrying pouch
- Power adapter
- Large print user manual

Not available with Quota funds.

1-00370-00 $3,200.00



BrailleBlaster™

BrailleBlaster software is a revolutionary new tool for braille transcribers and others who need to produce high-quality braille material. It takes advantage of the rich markup contained in NIMAS (National Instructional Materials Accessibility Standard) and EPUB files to automate basic translation and formatting, and to make advanced tasks quicker and easier. Designed primarily for editing braille textbooks that meet the specifications published by BANA, the purpose of BrailleBlaster is to help braille producers ensure that students have the necessary textbooks on the first day of class.

Download from: **www.brailleblaster.org**

FREE

JAWS and ZoomText

We don't open doors for people. We create the tools for people to open their own.

APH and Freedom Scientific have partnered to make the world's most popular screen reader (JAWS®) and screen magnifier (ZoomText®) software available to APH customers at lower prices!

JAWS (Job Access With Speech)

JAWS® SCREEN READER

Students who are blind and visually impaired can easily navigate, read and write documents, and create presentations from their school PC or from home. JAWS provides speech and braille output for the most popular computer applications.

D-11002-ED Annual Subscription $90.00

ZoomText

ZoomText MAGNIFIER WITH SPEECH

Students with low vision can enlarge and enhance everything on their computer screen. ZoomText also echoes your typing and essential program activity, and automatically reads documents, web pages, and email.

Using the new **Software License Portal,** teachers and administrators can manage their licenses and move them between computers. Licenses are registered directly to an email address. Software can be installed on all versions of Windows® 7 or later.

Please visit **aph.org** to order, to learn more, or to find related products.

D-11003-ED Annual Subscription $80.00

Digital Talking Book Cartridge

This 4GB blank cartridge is for use with the National Library Service (NLS) Digital Talking Book Players. Connect this cartridge to your PC via a USB cable (purchased separately) to download NLS books.

Also available are Digital Cartridge Mailers that hold one cartridge for storage or mailing. Has a slot for a mailing label.

For more information about NLS digital talking books, **http://www.loc.gov/nls/digital.html**

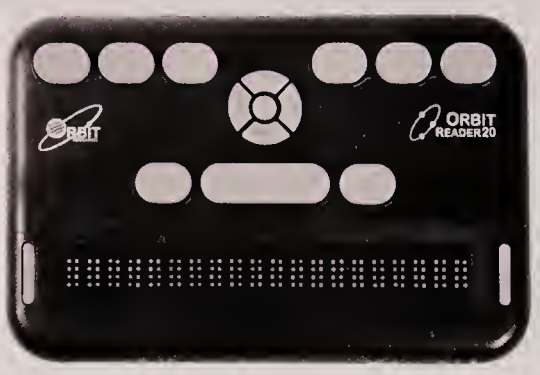
1-02609-00 $13.00

Book Port DT™ PARTS

Loaded with many of the same features as our hand-held Book Port Plus, the Book Port DT is a desktop-style Digital Talking Book player and recorder. Ideal for reading Digital Talking Books. Record or edit your own material in Digital Talking Book format. Enjoy listening to internet radio or downloading podcasts for education or entertainment.

Note: The unit must be authorized through Learning Ally or NLS to play recordings from these organizations. You also need to have an account to use **bookshare.org** You can also download books from the NLS BARD website, **nlsbard.loc.gov**

1-07200-00 $423.00 + shipping

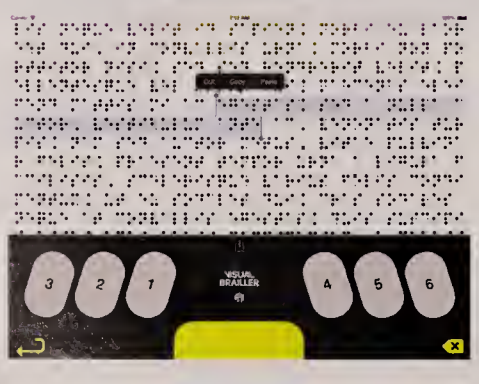


Orbit Reader 20™ PARTS UEB

The Orbit Reader 20 unit combines simplicity, functionality, and connectivity in a refreshable braille display priced at a fraction of the cost of similar devices! Made possible by the Transforming Braille Group, LLC (TBG), a consortium of world-wide blindness organizations.

Though feature-rich, the Orbit Reader 20 is simple to use and allows switching between the different functions seamlessly. Its Stand-Alone capabilities include reading, writing, and file management. Orbit Reader 20 starts as a reader displaying the content of files stored on the SD™ card. For more advanced users, Orbit Reader 20 provides searching, bookmarking, and note taking capabilities. Carrying case available from Orbit Research: **www.orbitresearch.com/or20**

1-07419-00 $699.00 + shipping



Visual Brailler (for iPad) UEB

Visual Brailler™ is a braillewriter app for your iPad®. It displays a traditional six-dot keyboard and simulated braille on your iPad screen. You can edit and save your work. Visual Brailler supports any code you wish to use, because it makes no assumptions about what you are writing.

Visual Brailler also works with Bluetooth refreshable braille displays with keyboards.

Search on The App Store or Google Play Store to download.

FREE

Book Wizard Reader and Producer Software

Book Wizard Reader™ lets you read a wide variety of types of digital talking books.

Book Wizard Producer™ has all the features of Reader, but adds the ability to create digital talking books on your PC. The program adheres to the DAISY/NISO 2002 definitions and provides users with enhanced ability to control and navigate through both structured and unstructured audio files. Producer is compatible with source input of either a narrator who reads directly into the program or an imported audio file created from another source.

Book Wizard Reader

CD-ROM
D-03531-00 $49.00

Digital Download
D-03531-ED $39.00

Book Wizard Producer

CD-ROM
D-03530-00 $200.00

Digital Download
D-03530-ED $200.00

Headphones

Compatible with APH technology products. A stereo to mono adapter plug is required to use these headphones with older monaural players. Both have 3.5mm plugs.

Private Phones
1-07088-00 $21.00

Stereo Headphones
1-18986-01 $14.50

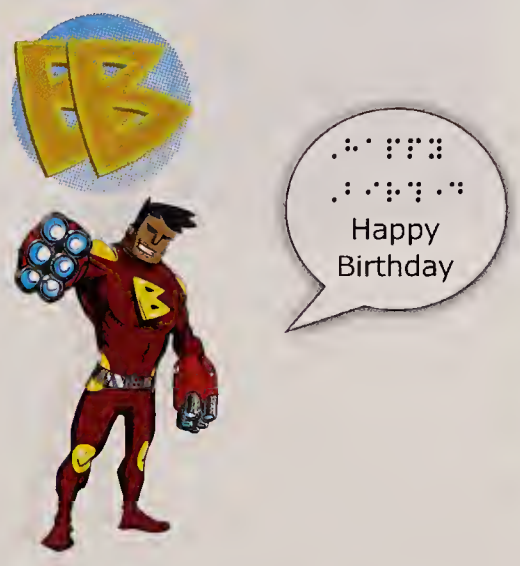
Both include volume control.

Braille Badges UEB

APH Braille Badges are for iMessage®! This fun, accessible sticker pack is great for sharing.

Available from the App Store: **itunes.apple.com/us/app/braille-badges/id1173603989?ls=1&mt=8**

FREE



USB Charger, 2 Amp

This handy USB wall charger may be used to charge several APH products. Power output is 2 amps. Accepts a Standard A USB plug. This unit also charges many commercial devices that recharge via USB cable.

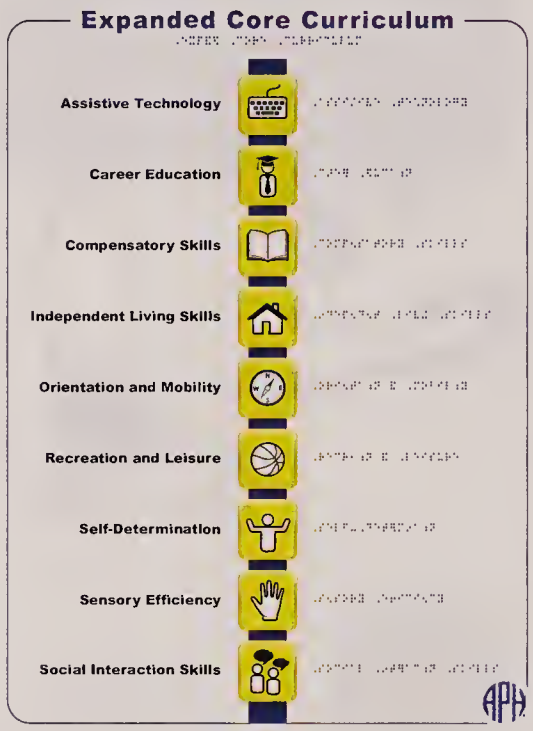
1-03966-00 $32.00

Career Education and Transition Section Index

ECC Icon Poster 148
Transition Tote System 149
Quick & Easy ECC Hatlen Center Guide 149

APH Products Related to Career Education and Transition

Going Places: Transition Guidelines 81
JAWS and ZoomText 145
Money Handling and Budgeting 157
Money Talks Software 157
PATTER 25
Reach for the Stars, Planning for the Future 24
Orion TI-84 Plus Talking Graphing Calculator 53
Talking Typer 100



ECC Icon Poster

The ECC Icon Poster is a wall-sized print/tactile poster that lists the Expanded Core Curriculum skills important for the specialized instruction of students who are blind and visually impaired. Each skill area is represented with a tactile/print icon and print/braille description.

The poster is complemented by a separate 2-page large print flyer (with a separate braille version) that provides a very detailed description of each ECC skill area. The content of this flyer was reprinted, with minor modifications, with permission from the Texas School for the Blind and Visually Impaired.

The ECC Icon Poster measures 18 1/2 x 22 1/2 inches and has a die-cut hole for convenient hanging in a classroom setting.

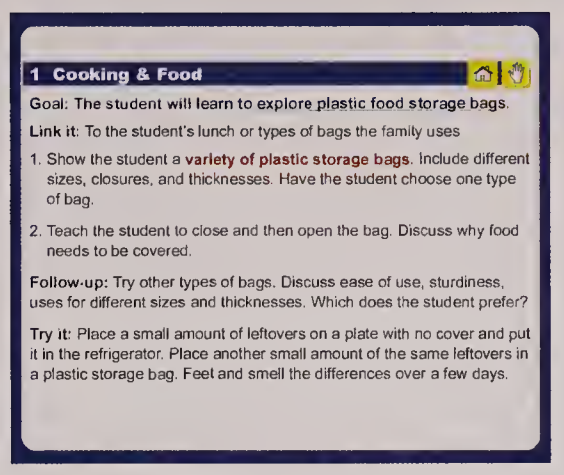
1-08205-00 $64.00

Quick & Easy Expanded Core Curriculum: The Hatlen Center Guide

Designed for transition students who are visually impaired. The lessons, categorized by setting (home/school or community), are intentionally designed to be completed in 5–15 minutes. They are not designed to replace a comprehensive program addressing the ECC.

Note: The entire binder contents are only available as a braille ready format (.brf) file.

1-08204-00 $48.00



1 Cooking & Food

Goal: The student will learn to explore plastic food storage bags.

Link it: To the student's lunch or types of bags the family uses

1. Show the student a variety of plastic storage bags. Include different sizes, closures, and thicknesses. Have the student choose one type of bag.
2. Teach the student to close and then open the bag. Discuss why food needs to be covered.

Follow-up: Try other types of bags. Discuss ease of use, sturdiness, uses for different sizes and thicknesses. Which does the student prefer?

Try it: Place a small amount of leftovers on a plate with no cover and put it in the refrigerator. Place another small amount of the same leftovers in a plastic storage bag. Feel and smell the differences over a few days.

ECC lesson card

Transition Tote System "Navigating the Rapids of Life" PARTS

Transition Tote materials teach middle school, secondary, and transition students with visual impairments essential skills for learning about themselves and the world of work. In addition to seven new lessons and the custom designed backpack, this kit includes updated descriptions of technology, revised resource and reference materials, and an updated Facilitator's Guide.

1-08210-00 $277.00

Transition Tote System Backpack

This attractive, sturdy backpack is a perfect solution for organizing and transporting equipment and tools used by students and professionals. Designed to serve the changing needs of persons with visual impairments as they proceed through school, transition and vision rehabilitation programs, and into the adult world.

Features

- Key ring attached by hook-and-loop fastener
- 3 pen/marker/stylus holders
- Slate/magnifier pocket
- Zippered change pocket
- Cell phone/PDA pocket with hook-and-loop closure
- Back padded compartment with adjustable hook and loop strap protects a laptop or similar device
- Back panel with pockets for storing media
- Front panel with 3 padded pockets electronic items

1-08211-00 $72.00

Self-Determination Section Index

Getting to Know You 150

Self-Determination Related Products

Going Places 81

Loving Me 169

PATTER 25

Quick & Easy ECC 149

Reach for the Stars 24

Reclaiming Independence 155

Sensory Learning Kit 34

Teen Scene: Portraits of Success Video 125

Transition Tote System 149

Kit also includes the APH Innovations Tote Bag

Getting To Know You: A Social Skills/ Ability Awareness Curriculum PARTS

The Getting to Know You curriculum is divided into three groups: kindergarten through second grade, third through fifth grade, and middle/high school, and is designed for Vi teachers, O&M specialists, other related service personnel, general education teachers, and families. Lessons take 30–45 minutes to complete. Each lesson contains a clearly stated objective, skills addressed, an introduction, a list of materials needed, and a step-by-step explanation of the activities.

1-08052-00 $299.00

Daily Living and Social Interaction Section Index

APH Signature Guide 159
Braille DateBook R 155
Color Star 154
Colorino Talking Color Identifier 156
Deafblind Pocket Communicator 154
EZ
- Fill Pouring Aid 157
- Test Battery Tester 156
- Track Products 158

Functional Skills Assessment N 153
Keitzer Check Writing Guide 154
Labeling, Marking, and Organization 159
MagneTachers Magnetic Labels 159
MiniBook Braille Quick-Note Products 155
Money Handling and Budgeting 157
Money Talks Software 157
Reclaiming Independence Video 155
Push Button Padlock 159
Sunu Band N 152
Tactile Clothing Tape 156
Talking Cooking Thermometer 157
Zeitgeist 156

Daily Living and Social Interaction Related Products

Braillable Labels and Sheet 87
Braille Badges 147
Braille Folders, Binders, Notebooks 114, 119–120
Feel 'n Peel Stickers 94–95
Getting to Know You 150
MiniGuide US 138
Plastic Binder Envelopes for Braille 120
PermaBraille 116
ReadWrite Stands 102
Transition Tote Backpack 149
Video Mag HD 126

American Printing House
INNOVATIONS

Sunu Band® N

The Sunu Band is a modern and sleek, smart mobility wristband that uses ultrasonic technology to detect and alert you to navigational obstacles up to 14 ft. away.

Features

- Used as a supplement to the white cane, you'll enjoy improved spatial awareness and the personal freedom of knowing where you are and what's around you.
- Powerful navigation sensors and haptic feedback inform how near, or far, navigational obstacles are to the user, thus reducing accidents to the body, chest, arms, and head.
- Easy interface with touch panel and gesture recognition control.

Includes FREE download of the Sunu App

- available for iPhone® or Android™ devices
- fully customizable, including Band sensitivity and distance reading capabilities
- access to new apps and firmware updates over the cloud

Conveniently tell time, set discreet vibratory alarms, and track physical activity and other fitness metrics.

Explore unfamiliar places with Sunu Band's haptic compass, place finder/ explorer and GPS navigation.

Sunu Band's sleek design features an adjustable, black sports wristband with teal accents.

Includes

- Sunu Band (battery included, not removable)
- USB to micro USB cable
- Quick Start Guide

Warning: The Sunu Band is not a regulated safety device, and should not be used as a replacement of existing visual aid systems.

Sunu Band and other APH Innovations products are not available for purchase with quota funds.

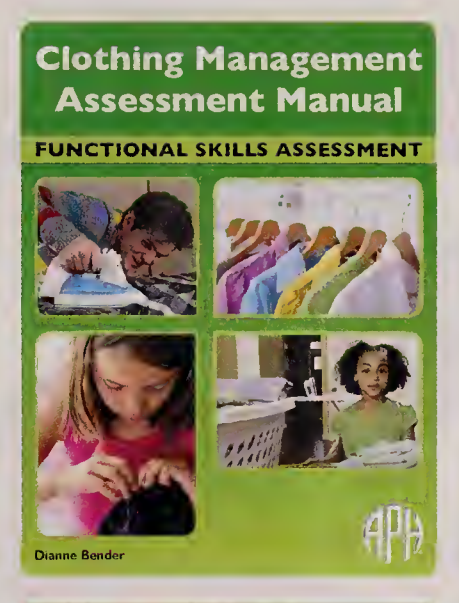
1-03140-00 $299.00

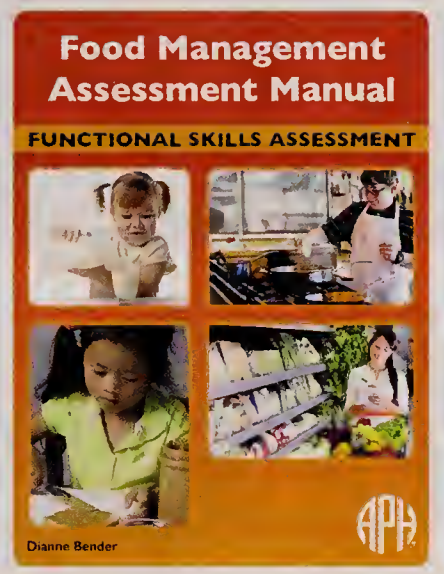
Functional Skills Assessment N

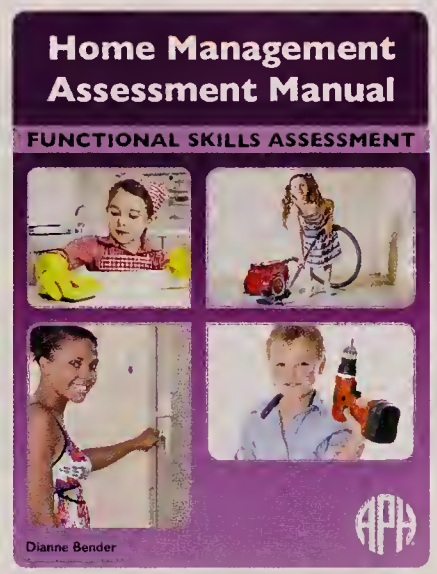
The Functional Skills Assessment (FSA) is a tool used to evaluate daily living skills for students at all levels. Broken into modules, FSA covers a number of skills within four facets of independent living: Clothing, Food, Home, and Self Management. Online scoring pages are available at **https://funcsk.aphtech.org**. Users can unlock the forms using a code published inside the manuals.

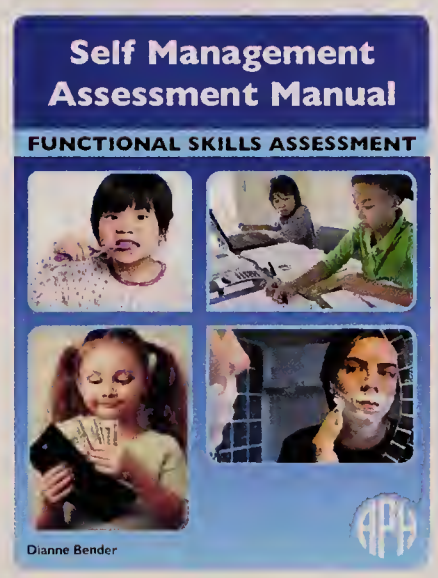
Student Assignment files are provided online in both .brf and .docx formats. Assessment Manuals are also provided online as .brf files.

Recommended grades: Grades K–12.









Clothing

The Clothing Management module of FSA covers clothing storage, laundering, sewing, and more.

Print Manual
7-08232-01 $59.00

Print Scoring Book
7-08233-00 $88.00

Braille Manual
5-08232-01 FREE Download

Food

The Food Management Assessment module of FSA covers cooking tools and utensils, menu planning, food preparation, and more.

Print Manual
7-08232-02 $87.00

Print Scoring Book
7-08234-00 $96.00

Braille Manual
5-08232-02 FREE Download

Home

The Home Management Assessment module of FSA covers organizing surfaces and materials, household chores, home safety practices, and more.

Print Manual
7-08232-03 $48.00

Print Scoring Book
7-08235-00 $67.00

Braille Manual
5-08232-03 FREE Download

Self

The Self Management Assessment module of FSA covers grooming, social skills, consumer skills, and more.

Print Manual
7-08232-04 $57.00

Print Scoring Book
7-08236-00 $75.00

Braille Manual
5-08232-04 FREE Download

Color Star

Color Star® is a powerful color identifier. It recognizes more than 1,000 different color shades, identifies contrast measurements, recognizes the color of LED lights, perceives the light intensity in the surrounding environment, and recognizes patterns – all with clear spoken voice output.

1-03952-00 $449.00

Keitzer Check Writing Guide

A flexible, durable, polyethylene guide that will hold any standard check. A slant is located at the upper left corner for orientation. This guide allows you to feel the locations of the various blanks on a standard sized check and write in the correct areas.

The closed guide measures 3 1/2 x 6 1/4 inches and easily fits in a shirt pocket or purse. It works with checks that are standard size and have a standard layout.

1-03528-00 $10.00

1-03528-VET Call about our special offer for veterans.

Letter side

Number side

DeafBlind Pocket Communicator

Durable, washable, and easily fits in your pocket or bag. The smooth numbers side and the matte letters side lets you know "at first touch" which side you need to chat with someone. The breakaway lanyard option gives you some freedom to carry other items and to access the Deafblind Pocket Communicator (DBPC) with ease.

Communication cards can be helpful when using the DBPC with people at a coffee shop or in a store. Sample messages might include: "How much does this cost?" or "Use my finger to show me the answers on this device." Feel free to design your own communication cards to meet your unique needs.

1-16999-00 $57.00

Minibook Braille Quick-Note Products

Two formats help you jot down small bits of information quickly!

- MiniBook Slate with Styluses: This tiny slate has four lines, 15 cells per line. The cells have side indentations, making it easy to find the dot you want to make. It comes with three styluses: saddle, tall flat, and short flat. Choose the one that fits your hand most comfortably.
- Mini Spiral Notebook (2-pk): The Mini Spiral Notebook includes 50 pages perforated for easy removal. Fasten the slate to the first blank page, then when you pull the notebook out of your pocket, you're ready to write!

Minibook Slate With Styluses
1-07850-00 $12.00

Mini Spiral Notebook
1-07853-00 $9.00

Braille Datebook R PARTS

An attractive planner-organizer designed specifically for braille users! Binder with pockets, 250 sheets of paper, tabbed calendar pages, blank tabs, and stylus.

Recommended ages: 11 years and up.

Datebook
1-07899-20 $89.00

Calendar Pages Only
1-07898-20 $13.00

Reclaiming Independence: Staying in The Driver's Seat When You no Longer Drive Video

Useful for both individuals and professionals, this video/resource guide will help you successfully use rehabilitation and transportation resources. Real people share their stories as they make the transition from driver to non-driver. Includes a narrated version of the Resource Guide. Included Resource Guide is in large print and on CD-ROM. Closed captioned.

1-30020-DVD $30.00

Colorino Talking Color Identifier

This simple talking color identifier is a small, hand-held unit that is easy to operate using only two buttons. The Colorino can detect more than 100 nuances of color and be used as a light detector. Uses 2 AAA batteries (included) and comes with a carrying case; cassette, large print, and braille "quick start" instructions; and a one-year warranty.

1-03955-00 $227.00

Zeitgeist Talking Time Machine

This hand-held device combines a number of time-related functions and speaks through its speaker or headphones (not included). Fits in pocket or carry around neck on attached lanyard, uses 2 AAA batteries (included). A Spanish edition is also available.

Available with Quota funds.

English
1-03974-00 $106.00

Spanish
1-03974-SP $106.00

Tactile Clothing Tape

Allows braille readers to keep colors and other information about their clothing and linens exactly where they need it: attached to the item and ready to be read. The brailled information remains clean and readable after going through automatic washers and dryers, and even holds up under an iron as long as a layer of fabric is kept between the iron and the label!

Warning: This product contains safety pins. DO NOT use with children under 12 years unless directly supervised.

1-07420-00 $59.00

EZ Test Battery Tester

APH offers two versions of the EZ Test Battery Tester:

- The Audible EZ Test reports battery status by beeps
- The Audible/Tactile EZ Test reports battery status by vibrations and beeps

A flexible testing wire allows for testing of 1.5 volt batteries, including AAA, AA, C, and D batteries. Also included are two contacts for testing 9 volt batteries.

Audio Feedback
1-03968-00 $62.00

Audio/Tactile Feedback
1-03969-00 $78.00

Talking Cooking Thermometer

Use this large-display talking thermometer for cooking, hobbies, gardening, and much more! It's a must have item to make everyday living easier! Use the built-in eyelet at the top to hang the thermometer within easy reach.

Note: This thermometer is not for medical use.

1-03992-00 $39.00

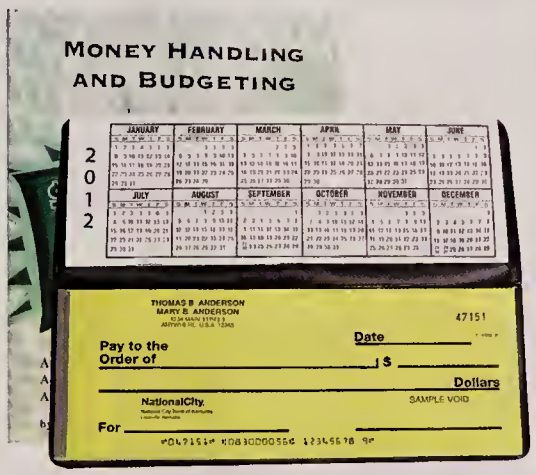
Money Handling and Budgeting PARTS

Resource guide with an adapted practice checkbook that helps students learn vital money handling skills.

Recommended ages: 11 years and up.

Print
1-83080-00 $57.00

Braille
1-83081-00 $63.00



Money Talks™ Software

Accessible and flexible bank account management software that provides printing and braille embossing of the check register, and writing checks in a variety of sizes and styles. Requires a PC running Windows® 7 or later.

CD-ROM
D-03560-00 $49.00

Digital Download
D-03560-ED $39.00

EZ Fill Pouring Aid

This device aids in filling containers. The aid hangs on the edge of the container, and when liquid fills to about one inch from the top, the device produces a signal, alerting the user. Uses three included LR44 button-type batteries, with an expected life span of about one year.

1-03970-00 $20.00

EZ Track Products

EZ Track is a multi-faceted line of low vision products to help you get organized...and stay that way!

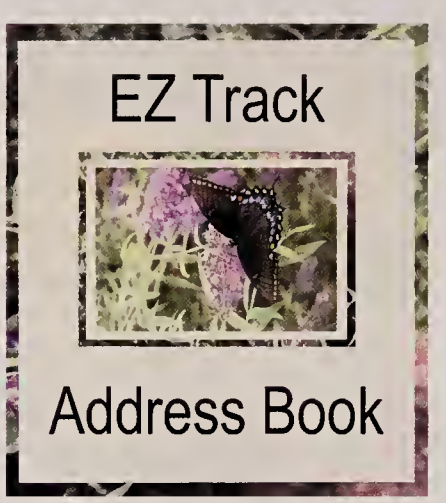
Designed for people with low vision, EZ Track products utilize large print of at least 18 points, easy-to-use binder formatting, and special accessories as aids in organizing important day-to-day activities.

Calendar: A Low Vision Appointment Book and Calendar R

Designed for people with low vision, EZ Track products utilize large print of at least 18 points, easy-to-use binder formatting, and special accessories as aids in organizing important day-to-day activities.

With Binder
1-07900-20 $TBA

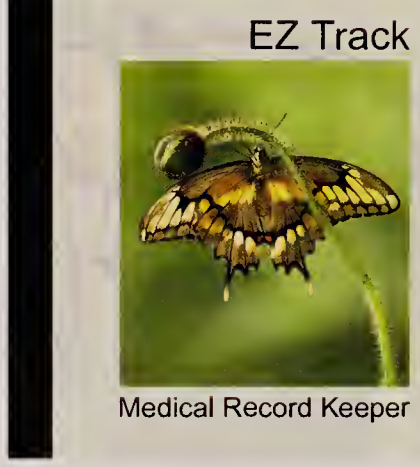
Inserts Only, No Binder
1-07901-20 $TBA



Address Book PARTS

Large print address book holds 208 addresses. Includes a plastic template for easy entry. Large alphabet tabs make names easy to find in the 3-ring binder.

1-07910-00 $69.00



Medical Record Keeper

Medical Record Keeper

Large print organizational tool for keeping medical records. Provides a system for storing and organizing information on personal identification, medical history, insurance, medications, physicians, and other medical records. Printed non-glare paper, with 22-point black type.

Includes a 3-ring binder, folders, and tab pages.

1-07930-00 $109.00

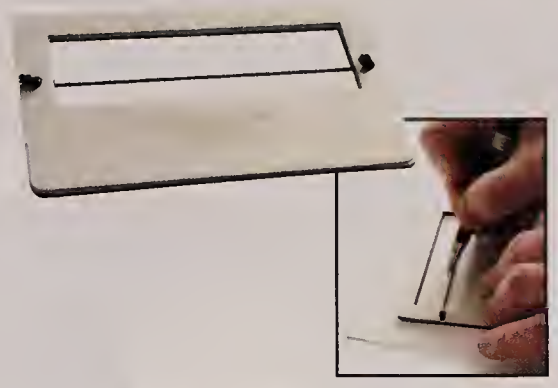
Financial Record Keeper

Financial Record Keeper PARTS

Large print system for keeping track of information about banking, utilities, income, taxes, insurance, mortgages, investments, retirement plans, and much more! Information is stored in tabbed sections. Stored in a 3-ring binder and includes large print Check Register, storage pouch, three storage folders, and a user's guide.

1-07920-00 $125.00

APH Signature Guide

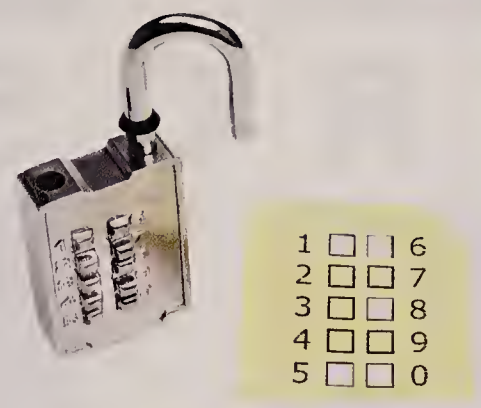


This small, pocket-sized frame has an opening with an elastic band. The band provides a guide for writing and flexes to allow for the descenders of letters. Guide is made of aluminum with a rubber backing to prevent sliding.

Recommended ages: 8 years and up.

1-03530-01 $10.00

Push Button Padlock



Each lock comes with two large print/braille cards listing the combination, along with large print and braille instructions. Buttons eliminate the worry of losing a key.

1-03990-01 $22.00

MagneTachers Magnetic Labels

MagneTachers are magnetic labels that attach to metal objects, are easily removable, and re-attachable! You can create labels in large print and braille. Instructions in print and braille included.

Large Print Labels
(2 Rolls, 1 inch high)
1-07418-00 $7.50

Braille/Large Print Labels (2 Rolls, 0.5 inch high)
1-07416-01 $14.00

Labeling, Marking, and Organization: A Self-Help Guide for Persons After Vision Loss

If you are tired of opening apricots instead of tomatoes, wearing your navy shirt with black slacks, or floundering through files when trying to find your utility bill, then Labeling, Marking, and Organization may be the book you need! It contains practice activities that help you develop new ways to identify items with labels you can no longer read.

Recommended ages: 14 years and up.

Large Print With CDs
7-08870-00 $69.00

Braille (3 Vol.) With CDs
5-08870-00 $95.00

Recreation and Leisure Section Index

Crossword N 162
Game Kit 162
Games of Squares 164
Scattered Crowns: Tactile Attribute Game 161
Score Card Set 161
Slide, Twist 'N Solve 163
SQUID Tactile Activities Magazine 164
Talking GlowDice 161
Talking Word Puzzles Software 163
Touch 'em All Baseball 161
TREKS Game 163
Web Chase Board Game 162
Wooden Junior Constructo Set 164
Word Quest Puzzles 162

Recreation and Leisure Related Products

APH Sound Ball 80
Armadillo Army Software 134
Braille Badges 147
Braille Beads 77
Bright Line Reading Guide 126
Color-by-Texture Marking Mats 77
Flip-Over FACES App 200
Games for People with Sensory Impairments 80
Gross Motor Development Curriculum 81
Joy Player, The 34
Jump Rope to Fitness Kit 82
Magazine Subscriptions 175
Paint Pot Palette 77
Picture Maker 141
Portable Sound Source 81
Quick-Draw Paper 98
Reach & Match 21
Rib-It-Balls 80
Six Dots Game of Cards 23
Slapstack Math 51
Sunu Band 152
Tactile Tangrams 50
Tangle Toy 39
30-Love Tennis Kit 82
Termite Torpedo Software 134
Toodle Tiles Software 134
Time for Art 76
Walk/Run for Fitness Kit 82

Touch 'Em All Baseball

Touch 'em All Baseball is easy to learn. You'll need to be familiar with the basic rules of baseball, but you don't need a lot of expertise to enjoy this game.

The Teacher's Kit (sold separately) provides suggestions for using Touch 'em All Baseball with students, not only to teach about baseball but to develop other skills. This kit includes a set of tactile/print "stick figure" diagrams, and suggested physical activities that correspond to the images.

Recommended ages: 8 years and up.

Game
1-08101-00 $244.00

Teacher's Kit
7-08101-00 $31.00

Score Card Set

Generic Score Card made of durable plastic. Has twenty buttons in two rows of ten. Push down on a button to register one event. Pop up buttons to clear. Includes one yellow and one green card. Instructions in print and braille.

Recommended ages: All.

1-17001-00 $28.00

Talking GlowDice

Push the Roll button and a randomly generated number between one and six is announced in digital speech, and the corresponding number is displayed in bright blue LEDs.

Takes 4 AAA batteries (not included).

1-07500-00 $33.00

Scattered Crowns: Tactile Attribute Game

A fun, versatile board game that encourages young children, especially those with visual impairments and blindness, to develop tactile skills. As players search for crowns with specific attributes they will practice texture/shape/size discrimination, tactile memory, systematic searching skills, and spatial concepts. Other concepts include counting, turn-taking, sorting/organizing, and social interaction skills.

Recommended ages: 5 years and up.

1-08462-00 $281.00

Game Kit PARTS CVI

A collection of common game parts designed for use by players who are visually impaired and blind. Parts can be used to play games from the included handbook, to adapt commercial games, or to create new games. Use to build social skills or to review school subjects.

Recommended ages: 5 years and up.

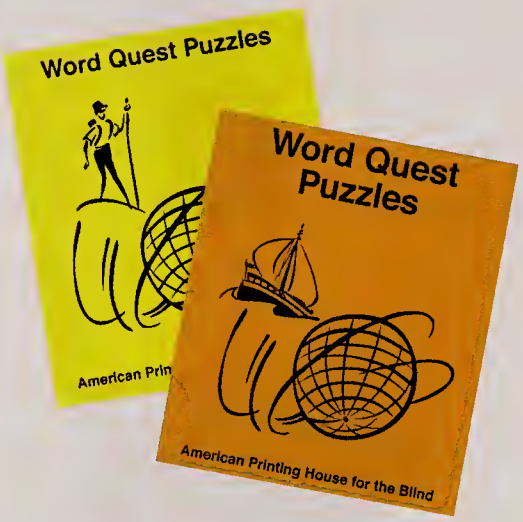
1-08440-00 $299.00

Web Chase CVI

An originally designed board game by APH that is intended to develop important tactile skills within a fun, recreational context. As players navigate their hungry spiders through an insect-laden web, they learn to trace various raised lines, identify point symbols, and discriminate textures and shapes.

Recommended ages: 5 years and up.

1-08460-00 $304.00

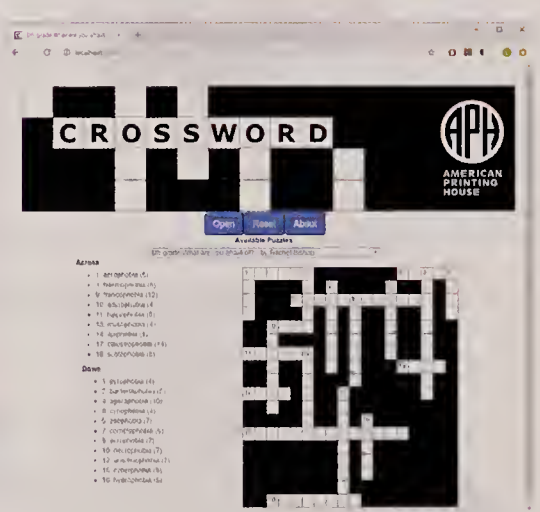


Word Quest Puzzles

This recreational/educational product presents classic find-the-hidden-words-in-the-grid puzzles in a large print format. Two sizes of letters are available to accommodate different users.

1/2 Inch Letters
8-05101-00 $5.00

1 Inch Letters
8-05102-00 $7.00



Crossword N

Now individuals who are blind or visually impaired can enjoy solving crossword puzzles on their computer!

Crossword is an accessible, cross-platform web app for solving digital crossword puzzles. This free download is compatible with most browsers and screen readers.

Search on The App Store or Google Play Store to download.

D-19912-OL FREE

Talking Word Puzzles® Software

Talking Word Puzzles®

Create or solve hidden word and crossword puzzles in large print. As the player navigates through the puzzle, the program announces the contents of that square.

Find detailed software purchasing instructions on page 181.
Requires Windows® 7 or later.

Recommended ages: All.

CD-ROM
D-03440-00 $49.00

Digital Download
D-03440-ED $39.00

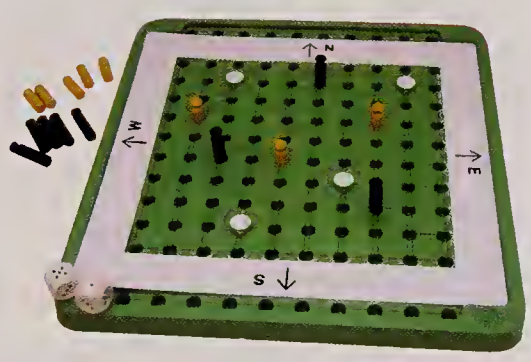
Slide, Twist 'N Solve: Tactile Brain Teaser

The attached pieces of this accessible puzzle easily slide and twist. Raised tactile patterns make it easy to identify various patterns; high contrast colors make it ideal for those with low vision. Compare your results to the solution key on the back!

Recommended ages: 6 years and up.

1-03991-00 $16.00

TREKS: The Game of Compass Directions



The goal of the game is to be the first player to move your pieces across the board from your home row into the opponent's home row. Change the game to make the play simpler or add rules to make it more complex.

The kit includes a game board, tactually and visually contrasting treksters, rules and variations booklet in large print and braille, and a set of tactile dice.

Recommended ages: 8 years and up.

1-08910-00 $152.00

Games of Squares

The 8x8 inch grid board and accompanying game pieces incorporate color contrast and distinctive textures and shapes that can be easily discriminated by individuals with visual impairments and blindness. Starter ideas and possible adaptations are provided in Beyond X's and O's within the Game Instruction booklet.

Recommended ages: 5 years and up.

1-08430-01 $278.00

SQUID Tactile Activities Magazine

SQUID Magazine is deceptively fun: while your student enjoys a variety of activities, he or she will acquire skills needed to become a more proficient tactile reader.

Recommended ages: 5 years and up.

Note: Many of the tactile puzzles are reusable and are intended to grow with the child as he or she acquires new skills and tactile understanding.

Issue 1
1-08862-01 $73.00

Issue 2
1-08862-02 $81.00

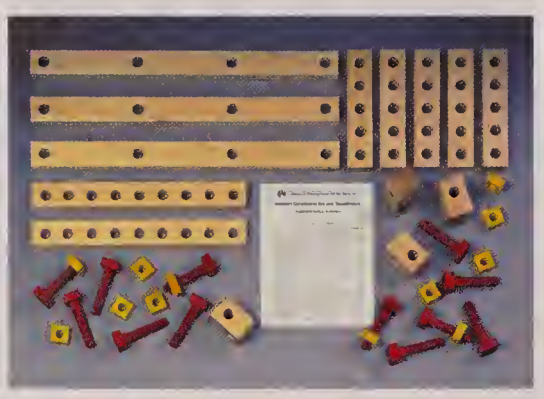
Issue 3
1-08862-03 $92.00

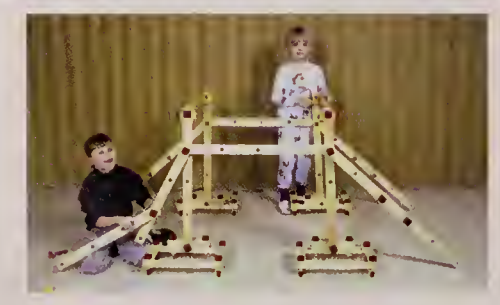
Issue 4
1-08862-04 $86.00

Issue 5
1-0886205 $119.00

Issue 6
1-08862-06 $81.00

Issue 7
1-08862-07 $95.00





Wooden Junior Constructo Set

Helps children develop creativity, problem-solving skills, muscular coordination, manual dexterity, and construction concepts. Lengths are linked together with color-coded nuts and bolts.

Recommended ages: 4 years and up.

1-03690-00 $199.00

Video Section Index

APH offers videos for purchase on a wide variety of topics. This is a complete list of videos in this catalog. In addition, visit the APH website to view a growing selection of free-of-charge streaming video product guides.

Child-Guided Strategies for Assessing Children who are Deafblind or Have Multiple Disabilities 16

Denver the Guide Dog 139

Hands-On Experience with the Cranmer Abacus 62

Reclaiming Independence: Staying in the Driver's Seat When You No Longer Drive 155

Teach Me to See 125

Teen Scene: Portraits of Success 125

VIPS Video Library Series 40–41

Resources for Professionals Section Index

Braille Codebooks, BANA 167–168

Illinois Braille Series R 167

Impressor Braille Business Card Embosser 170

Loving Me 169

Materials Carry-All 170

Self-Esteem and Adjusting with Blindness 169

Studio Recorder Software 170

Teaching the Student with a Visual Impairment 169

Resources for Professionals Related Products

APH InSights Art Calendar 171

Book Wizard Software 147

Braillable Labels and Sheets 87

Braille DateBook 155

ENVISION I & II 125

EZ Track Products 158

Feel 'n Peel Reward Stickers 94–95

Getting to Know You 150

Labeling, Marking, and Organization 159

Nemeth Code Reference Sheet 59

Nemeth Tutorial 51

On the Way to Literacy Series 26–30

Orion TI-84 Plus Talking Graphing Calculator 53

Quick Check 101

Student Starter Pack 93

Super-Sized Folders 120

Teacher's Pet Software 16

Textured Paper Collection 97

Transition Tote Backpack 149

VIPS@Home Parent Empowerment Program 33

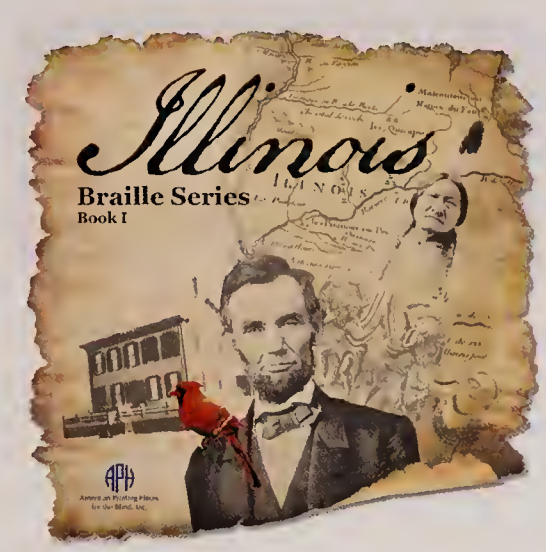
Video Mag HD 126

Visual Brailler 146

Illinois Braille Series, Book 1 R UEB

The Illinois Braille Series (UEB) is a classic program designed to teach braille code to adults transitioning from print to braille literacy. Book I topics and lessons cover the braille alphabet and numbers, and basic punctuation symbols.

Note: Content has not changed, but braille formatting has been improved.



Print
7-17230-01 $19.00

Uncontracted Braille
5-17230-02 $39.00

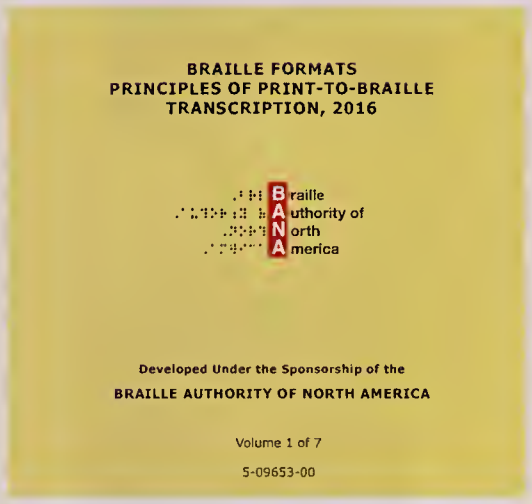
Book 2 Coming Soon!

Braille Codebooks – BANA

The mission of the Braille Authority of North America (BANA) is to assure literacy for tactile readers through the standardization of braille and tactile graphics. It publishes rules for formatting and serves as the authority for braille transcribing.

Braille Formats: Principles of Print-To-Braille Transcription, 2016 UEB

With the implementation of UEB, these guidelines provide a foundation for transcribing print content in an accurate and consistent manner. A wide variety of examples are included. Available for free download on the BANA website:
www.brailleauthority.org/formats/formats2016.html



Braille
5-09653-00 $259.00

Print
7-09653-00 $259.00

Music Braille Code, 2015 UEB

Where appropriate, rules and procedures have been adjusted to comply with the adoption of The Rules of UEB and of Braille Formats: Principles of Print-to-Braille Transcription. A section about transcribing music for harps has been added. It also incorporates some signs that are not defined in either that work or in the New International Manual of Braille Music Notation. Available for free download on the BANA website:
www.brailleauthority.org/music/music.html

Braille
5-09651-00 $189.00

Print
7-09651-00 $189.00

Nemeth Code for Mathematics and Science Notation, 1972 Revision

Braille
5-87430-00 $89.00

Print
7-87430-00 $89.00

Addendum 1 to the Nemeth Code for Mathematics and Science Notation, 1972 Revision: Ancient Numeration Systems

Braille
5-68654-00 $15.00

Print
7-68654-00 $15.00

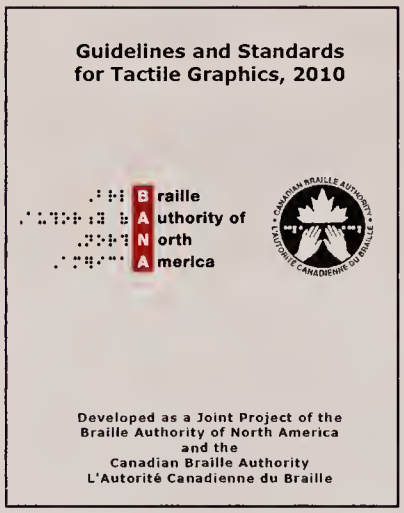
Braille Code for Chemical Notation

Braille
5-16900-00 $79.00

Learning The Nemeth Braille Code: A Manual for Teachers and Students

Braille
5-68653-00 $49.00

Print
7-68653-00 $49.00



Guidelines and Standards for Tactile Graphics

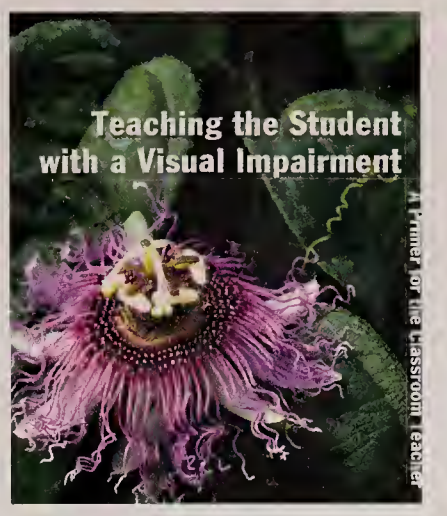
Print
7-35935-00 $99.00

Braille
5-35935-00 $99.00

Supplement, Print
7-35936-00 $189.00

Supplement, Braille
5-35936-00 $189.00

Teaching the Student With a Visual Impairment (TSVI): A Primer for the Classroom Teacher

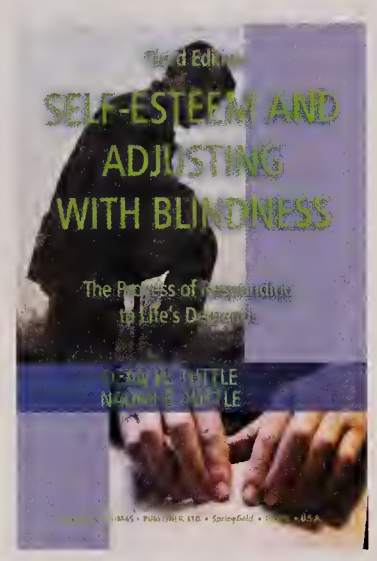


TSVI assists the all-inclusive classroom teacher in preparing for the unique educational needs of the student with low vision. An extensive listing of agencies and organizations that serve persons with visual impairments and a materials tote with consumable forms for teachers, parents, and students is included.

Kit
1-08290-00 $151.00

Materials Packet Only
1-08290-01 $32.00

Self-Esteem and Adjusting to Blindness: The Process of Responding to Life's Demands, 2nd Edition



Explores the development of self-esteem, attitudes toward blindness, and adaptability illustrated by biographies and autobiographies of people who are blind. Helps people examine their reactions, coping skills, and personal attitudes in order to live a positive and independent life.

Braille
5-00500-00 $178.00

Print
L-96229-00 $95.50

Loving Me: A Guide to Creating and Presenting Workshops on Self-Esteem

Designed for those who seek to help people who are blind and visually impaired, their families, and the professionals who work with them explore the origin and expression of their self-esteem in a workshop format.

7-02500-00 $278.00

Studio Recorder™ Software

A powerful digital recording and editing software package geared specifically for making recordings of the spoken word. Studio Recorder contains many features that make recording, editing, and proofreading audio books easy, including features not found in similar programs. Requires Windows® 7 or later.

CD/ROM
D-03600-00 $200.00

Digital Download
D-03600-ED $200.00

The Impressor™ Braille Business Card Embosser UEB

Easily create your own braille business cards! Similar to the stamp used by notary publics, the die which embosses braille on your card is custom-made with your information. Embosses up to 4 lines, 13 braille cells per line. Call 800-223-1839 to initiate an order.

1-03380-00 $217.00

Impressor Revised
1-03380-01 $119.00

Materials Carry-All

This sturdy, lightweight storage/transporting container is great for materials of all types. The side-opening design provides more usable space with better visibility of contents as compared to the previous model. Measures 10 1/2 x 27 x 16 inches, weighs 4 lbs.

1-02592-00 $60.00

APH InSights Art Calendar 2020 R UEB

Twelve month large print/braille calendar features the artwork of visually impaired artists. Includes months, days, holidays, and moon phases. Pages fold over easily.

APH InSights Calendar 2020

Makes a Great Fund-Raiser

Art calendars can be purchased with a minimum order of 50 for fundraising projects. Your group's name can be printed and brailled on a special version of the cover. Fund-raising questions and orders should be directed to APH's Contract Administration Office, 1-800-223-1839.

Note: The APH Insights Calendar MAY be purchased with Federal Quota funds; however, quantity purchases of this calendar for fundraising purposes MAY NOT be purchased with Quota funds.

5-18971-20 $8.00

Other Services From APH

Other Services from APH

This section contains information on selected services offered by APH. For complete information about APH services, please visit **aph.org** or call 1-800-223-1839.

APH News – Your APH Connection

One of the best ways to learn about new products, services, and resources at APH!

To automatically receive your monthly link to the APH News, send an email to: **aphinfo-request@iglou.com**

Include the following in the body of the email: Subscribe. Leave the subject line blank.

APH Insights Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition designed exclusively for blind and visually impaired artists of all ages. From the hundreds of entries received, works are chosen for exhibition at APH's Annual Meeting. Award winners are selected in each of nine categories; media may include sculpture, pottery, weaving, photographs, prints, paintings, etc. Artwork is judged on originality of concept, expressive use of media, and artistic excellence.

To enter APH InSights, contact the Special Programs Coordinator, Email: **insights@aph.org**

The APH Blog

The APH blog is your go-to source for information about APH products, innovations, accessibility and happenings in the field of blindness. Follow our journey as we work to break down barriers and create a more inclusive world. You'll learn from leaders in the field and also hear stories from a diverse group of peers who will inspire and challenge you. Visit **aph.org** and click on the "Articles" link in the footer menu to start reading.

APH Social Media

Are you on social media? Follow us to stay up-to-date on everything happening at APH and in the field. From exciting announcements and contests, to tutorials and events.

Here's where you can find us:

Facebook: @AmericanPrintingHouse

Twitter: @APHfortheBlind

Instagram: @americanprintinghouse

Pinterest: American Printing House

YouTube: APH – American Printing House for the Blind

Visit Our Museum!

Explore the fascinating educational history of people with vision loss when you visit our award-winning museum. Innovations, inventions, and products that made a difference are on exhibit, from the earliest tactile books to digital technology. Meet the many individuals whose work shaped the history of the American Printing House for the Blind, the largest manufacturer of educational products for people who are blind or visually impaired.

Guided tours of the APH factory are also available and take you behind the scenes where braille and tactile graphics are produced and audio books are recorded. It's FREE!

Museum Hours (EST)

Monday-Friday
8:30 a.m. to 4:30 p.m.

Saturday
10:00 a.m. to 3:00 p.m.

Closed on holidays
and Derby Day

Factory/Museum Tour Hours

Monday-Thursday, twice daily,
at 10:00 a.m. and 2:00 p.m.

Advanced reservations are required
for groups of 10 or more.

Length of tour: approximately 1 1/2 hrs.

For more tour information, contact APH:
502-895-2405 or 1-800-223-1839.

Need Accessible Materials? APH Will Custom-Make Them for You!

Our state-of-the-art processes and exacting standards allow us to create custom braille, tactile graphics, enlarged print, and audio materials for your clients, customers, shareholders, and employees who are blind and visually impaired.

Please contact APH Contract Administration Dept. for a no-obligation cost estimate on your next project. 800-223-1839 (menu option 5: Braille Transcription Services or Custom Requests) or email: **contracts@aph.org**

Finding Tactile Graphics Templates is Easier Than Ever!

APH offers the free Tactile Graphic Image Library database. Teachers, transcribers, students, families, and paraprofessionals are able to register to use the image library to find and download tactile graphics that can be enhanced for your needs. Search the database by category or keyword. Offers 3D images and designs for the Tiger® Embosser.

Sign up for FREE to use the database at **imagelibrary.aph.org**

Accessible Tests and Textbooks Department

Accessible Tests and Textbooks, offers a wide range of services. For more detail about any of these services, please visit **aph.org**

Tests: Extensive Services Offered

APH is prepared to assist with all phases of test accessibility, from item development and bias review through production, shipping, and product support. Tests offered through this department can be ordered in hard copy braille, large print, enlarged print, and digital formats. Accessible Tests also reviews online testing for accessibility to ensure all tests are accessible for all customers.

Textbooks: The Accessible Media You Need

APH responds to the textbook needs of students who are blind and visually impaired by delivering custom-produced accessible textbooks in a variety of media in a timely manner. Accessible Textbooks staff processes all new textbook orders. We offer these media for textbooks:

Braille Textbooks, Hard Copy and Digital

Includes hard copy braille textbooks, as well as downloadable braille-ready files. Accompanying tactile graphics are available for purchase.

Large Print Textbooks, Hard Copy and Digital

APH Large Print textbooks can also be used on digital reading devices such as iPad®, Kindle®, Book Port™, Braille Plus 18™, and more. Many of the large print e-files contain image descriptions.

For Questions About Accessible Tests or Textbooks, Contact

Jane Thompson, Director Accessible Tests and Textbooks Departments

Braille Improvement Department

502-899-2370 · **jthompson@aph.org** · **atic@aph.org**

Magazine Subscriptions

Subscription Magazine	Accessible Format	Annual Fee (optional)
Reader's Digest®	Braille	$174.00
	Cassette Tape (15/16, 4-track)	$18.00
	Digital Flash Cartridge	$33.00
	Digital Download	Donation
Newsweek®	Cassette Tape (15/16, 4-track)	$90.00
	Digital Download	Donation

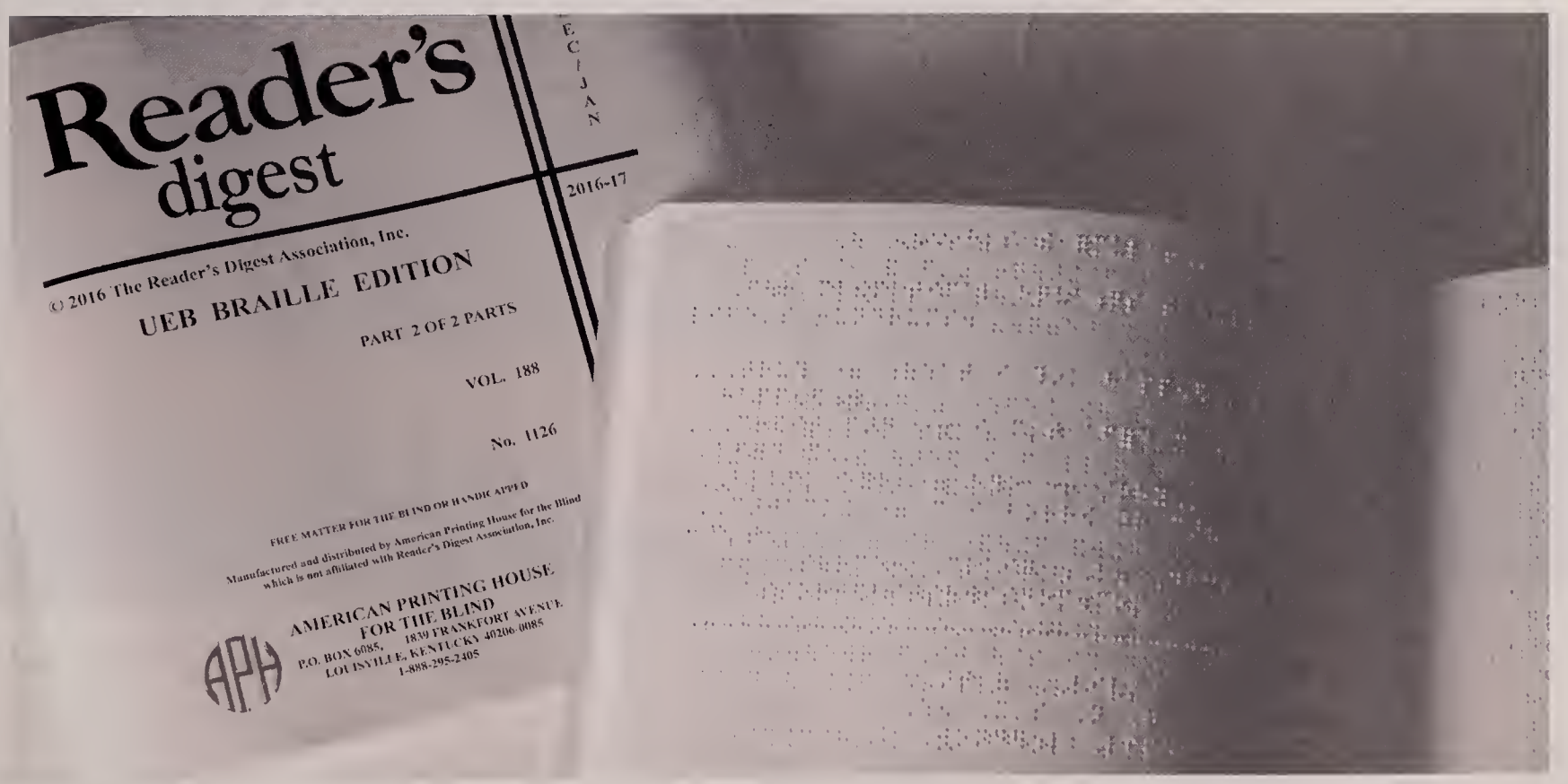
APH provides free Readers Digest or Newsweek in accessible formats for blind and visually impaired people across the country. If you or someone you know would benefit from this free service, please contact Customer Service at 1-800-223-1839 or **magazines@aph.org** Gift subscriptions are available at the above rates. Non-U.S. citizens MUST pay the above subscription rates. Contributions to defray costs are welcomed.

Cassette and Flash Cartridge editions require a Talking Book-type tape player, which plays specially recorded tapes. These players are available on a free loan basis from the library in your state that serves visually impaired or physically disabled readers.

For more information or to support APH's accessible magazine program, call 1-800-223-1839, ext. 2 or visit **aph.org** and search for development magazines. The American Printing House for the Blind, Inc. is a 501(c)(3) nonprofit organization. Gifts are tax-deductible.

Note: Reader's Digest, Large Print Edition is not published by APH, but is available directly from The Reader's Digest Large Print Edition / P.O. Box 8177 / Red Oak, IA 51591 / 1-800-807-2780 / **www.rd.com**

Reader's Digest is a trademark of The Reader's Digest Association, Inc.; Newsweek is a trademark of Newsweek, Inc.



Ayuda A Nuestros Clientes En Español

Nota para nuestros clientes hispano hablantes:

Nos complace proporcionar servicio al cliente en español por medio de correo electrónico.

podemos ayudarle con sus preguntas acerca de pedidos, devoluciones, reparaciones o cualquier otra duda que usted tenga.

¿Sabía que APH ofrece cada vez más productos en español? Búsque estos productos en nuestra página de internet, o pida información a nuestros representantes.

Usted es muy importante para nosotros, gracias.

El personal de la American Printing House for the Blind, **cs@aph.org**

APH OFRECE CIERTOS PRODUCTOS Y MANUALES EN ESPAÑOL

Boehm-3: Juego de Gráficas Agrandadas (manual y formas de registro), 1-03880-00; 1-03883-00 13

Juego de Calendario para el Salón de Clases: 1-18973-00 99

Caja de Luz: Guía de Actividades. Favor de visitar nuestra página web para obtener más información.

Nivel I: 7-08670-SP

Nivel II: 7-08680-SP

Nivel III: 7-08690-SP

Conexiones Táctiles: Libro de Guía. 7-08837-SP 95

Zeitgeist: Máquina del Tiempo. 1-03974-SP 156

How to Order and Related Information Section Index

How to Order 178
Shipping Methods 179
Return Policy 183
Repair Policy & Warranties 184–185
Software, Apps, ePubs, and File Repository 181–182

How to Order

Order Online (U.S. Customers)

- Go to **aph.org** for accessible and secure ordering
- Friendly for synthetic speech and large print users
- One-time, easy account setup
- Purchase online using either credit card or federal quota funds

Order by Email

- Send orders to **po@aph.org**
- We accept federal quota orders (signed by EOT), purchase orders, and orders from individuals via email
- Please include catalog numbers, product names, quantities, price each, and total amount due
- Please do not email your credit card information

Order by Phone

- Call 1-800-223-1839 or 502-895-2405
- Please have your credit card ready

Order by Fax

- Fax orders to 502-899-2284
- Please include catalog numbers, product names, quantities, price each, and total amount due
- Please do not fax your credit card information

Order by Mail

- Mail a federal quota order form (signed by EOT), purchase order, APH order form, or a letter written in print or braille stating desired items and quantities. Please include check, money order, or your contact information for us to obtain credit card payment.
- Please do not mail your credit card information.

American Printing House for the Blind
1839 Frankfort Ave
Louisville, KY 40206

Note: Checks and money orders must be in U.S. dollars. Kentucky residents must include 6% sales tax.

Pro Forma Invoices

- Submit a request online by searching for Pro Forma Invoices at **aph.org**
- Alternatively, submit a request via email, fax, or mail and include catalog numbers, product names, quantities, and preferred shipping method. We will send you a pro forma invoice showing product prices and shipping costs.
- Please allow 5 business days to be completed

Shipping Methods

Shipping within the U.S.

Most items ordered by or for people who are visually impaired will be shipped via Free Matter for the Blind, a free service provided by USPS. Please allow up to 2 weeks shipping time for items sent via Free Matter for the Blind. Customers needing a faster shipping option can contact Customer Service via phone, email, fax, or mail for a freight quote. Customers will be responsible for any upgraded shipping costs.

Note: When indicated, select items cannot be shipped via Free Matter and will require paid shipping.

Shipping Outside of the U.S.

Some items ordered by or for people who are visually impaired can be shipped to most overseas destinations via Free Matter for the Blind (surface mail). The customer is responsible for the shipping cost of all other items requiring paid freight. Please contact Customer Service via phone, email, fax, or mail for a freight estimate. APH recommends shipment by Priority Mail International Airmail, as surface mail is much slower.

All export and/or import duties, brokerage fees, etc. are paid by the customer. Please check with your customs broker to make arrangements in advance.

Paid Shipping Options within the U.S.

U.S. Postal Service® Priority Mail
2–3 day delivery to any address (including P.O. boxes). No additional charge for Saturday delivery.
No Sunday or holiday delivery.

U.S. Postal Service® Express Mail
Guaranteed next day delivery to most addresses (including P.O. boxes), 7 days a week, 365 days a year.

United Parcel Service® (UPS) Ground
4–7 day delivery to street addresses only (no P.O. boxes).
No weekend or holiday delivery.

UPS 3-Day
Guaranteed 3-day delivery to street addresses only (no P.O. boxes).
No Saturday, Sunday, or holiday delivery.

UPS 2-Day
Guaranteed 2-day delivery to street addresses only (no P.O. boxes).
No Saturday, Sunday, or holiday delivery.

UPS Overnight
Guaranteed next day delivery to street addresses only (no P.O. boxes).
Additional charges for Saturday delivery.
No Sunday or holiday delivery.

Further Assistance

aph.org
cs@aph.org
1-800-223-1839 or 502-895-2405
Fax: 502-899-2284

Special Instructions

Software

- To purchase a CD-ROM please submit an order via **aph.org**, or by email, phone, fax, or mail.
- To purchase a program as a digital download, first download the demo version of the software from our website **tech.aph.org**. Then submit an order via **aph.org**, or by email, phone, fax or mail. Within 24 hours we will email you a key code that transforms your demo into a full copy.

Note: Software purchases are all non-returnable.

Purchasing Multiple Licenses

When placing your order please specify the exact number of licenses needed as well as the email address to send key codes. Your receipt from the transaction is your authorization to place the software on the appropriate number of computers, up to the maximum number of machines that you specified.

Apps for iOS Devices

- Submit an order via **aph.org**, or by email, phone, fax, or mail.
- APH will email an Apple Content Code for each license that you order.
- **How to Install** – The end user will install [Math Robot, Talking Typer, Nearby Explorer] with their Apple Content Code by: opening App Store on device> select the “Featured” tab> at the bottom of the “Featured” screen select “Redeem”> enter the password for the device> follow instructions on “Redeem” screen.
- If purchased with Federal Quota funds the EOT is responsible for distributing Apple Content Codes to end users.

iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. Apple, VoiceOver, iPad, iPad mini, iBooks, Mac, and the Apple logo are registered trademarks of Apple Inc., registered in the U.S. and other countries. App Store is a service mark of Apple Inc. Amazon, Alexa and all related logos are trademarks of Amazon.com, Inc. or its affiliates. All rights to the Trademarks are the exclusive property of Amazon. Android, Google Places, Google Play, Google Play logo, Google Books, Google Assistant and Chrome are trademarks of Google Inc., Foursquare® is a trademark of Foursquare Labs, Inc. (“Foursquare”) in the U.S. and other countries. Windows is a registered trademark of Microsoft Corporation in the United States and/or other countries. Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries. EPUB is a registered trademark of the IDPF. Readium is a registered trademark of Readium Foundation. Adobe Digital Editions is a registered trademark of Adobe Systems Incorporated in the United States and/or other countries. The Bluetooth® word mark and logos are registered trademarks owned by the Bluetooth SIG, Inc. Other trademarks and trade names are those of their respective owners.

Nearby Explorer for Android Devices

- **Purchasing with Federal Quota:** Purchases must be made through the APH File Repository.
- For general information or for a direct download, go to **aph.org** and search for Nearby Explorer.
- **Purchasing with Credit Card:** Must be done through Google Play.
- Direct link: **https://play.google.com/store/apps/details?id=org.aph.avigenie**
- For general information about registering and purchasing files from Google Play please visit: **https://play.google.com/store/apps**

eBooks (ePub Files)

After receiving an email from APH and clicking the eBook link:

- from an iOS device or Mac computer the title will open in iBooks
- from an Android device the title will open in Google Books
- on a Windows or Linux operating system you will need to download and install an ePub reader before being able to read this title. We recommend the Readium extension for the Chrome Browser or Adobe Digital Editions*.

***Note:** Adobe Digital Editions does not support the interactive features built into the CVI Complexity Sequences eBook, however it reads the text correctly.

APH File Repository

The APH File Repository offers various types of electronic files to make your textbook production / acquisition quicker and easier. Current file formats include Braille-ready files, (produced with Duxbury, Braille Blaster, etc.), Large Print files (PDF), and Text files (ASCII, Tagged formats, Word or RTF).

Quota funds may be used to pay the download fee, but Repository files are available by download only; they cannot be ordered over the phone or by mail.

Please contact Resource Services for additional information at 800-223-1839 x705 or **resource@aph.org**

Important Icon Legend

CVI Icon Products with this icon may be appropriate for learners diagnosed with CVI. Comprehensive assessment should determine which products are best matched to your learner's needs.

Safety Warnings Icon Please note and follow the small parts choking hazard and other warnings indicated for certain APH products.

Replacement and Optional Parts Available Icon Products with available replacement parts are marked with this icon. Refer to the Replacement Parts Catalog on our website.

Return Policy

Defective Merchandise

APH makes every effort to inspect and test merchandise before it leaves our facility. If by chance you receive a defective item, please notify us within 30 days from the date item was shipped. If the item included a 1 year warranty please notify us within 1 year from the date item was shipped. We will repair or replace defective items at no cost to you. We reserve the right to choose whether the item will be repaired or replaced. For more information on warranties, please refer to the Warranty section below.

Other Returns

We gladly accept returns on most APH products (exclusions listed below) for any reason within 60 days of the date the item was shipped, subject to the following conditions:

- Pre-authorization is required for any return. Please call, email, or write us and a Customer Service representative will provide you with a Return Authorization (RA) number and instructions for completing your return.
- Returned items must be undamaged and in resalable condition.

Note: The following items may not be returned for any reason other than defects.

- Software (free demos are available at **tech.aph.org**)
- Apps
- eBooks
- Large print, braille, APH Press, or AFB Press books
- Custom orders

Note: The following books may not be canceled once production has begun.

- Large print (catalog prefixes 4-, A-L, F-, J-, L-, L-C, or M-)
- Braille (catalog prefixes A-B or T-N)
- APH Press or AFB Press (catalog prefix F-B)

Downloadable Manuals Most APH products have manuals available for immediate, free-of-charge downloading for printing or embossing as needed. Please visit **aph.org** to download a manual.

UEB Icon Products with this icon are transcribed in Unified English Braille (UEB).

New Product

Revised Product

General Repair Policy

If you are experiencing difficulty with an APH product, please call Customer Service at 800-223-1839 and explain the issue you are experiencing. It is possible we can solve your issue over the phone. If your product requires repair, please send it to:

APH
Attn: Repairs Department
1839 Frankfort Avenue
Louisville, KY 40206

Be sure to include a note with your contact information and any details regarding what needs to be repaired and/or the issues you are experiencing.

Payment is required for eligible out of warranty products prior to the completion of any repairs. Accepted forms of payment are as follows:

- Federal quota purchase order, which must be signed by the EOT.
- School or organization purchase order
- Check
- Credit card – If you opt to pay by credit card, note this when you send us your product and we will contact you for credit authorization.

Products Under Warranty

If your product is still under warranty, we will repair or replace the item at no cost to you (subject to certain restrictions). Please ship the product to us along with a written description of the problem.

Products Out Of Warranty – Flat Rate Fees

The following products carry a flat rate repair fee. Items deemed non-repairable will be returned to you without charge.

NB: Discontinued catalog number indicated by (d)

Mini-Lite Box: 1-08661-00 ..... $65.00

Light Box: 1-08660-00 (d), 1-08669-00 (d) $155.00

Perkins Braillers: 1-00850-00 (d), 1-00860-00 (d), 1-00815-00 (current) $150.00

Portable Sound Source: 1-03040-01 (d), 1-03040-02 (d), 1-03045-00 ..... $50.00

Book Port DT: 1-07200-00 (d) $50.00

Book Port Plus: 1-07191-00 (d) $50.00

Joy Player: 1-07089-00 ..... $50.00

Products Out of Warranty – Fee to be Determined for Repair

The following products do not have a set repair fee due to the range of prices for repair parts. Pre-payment of a non-refundable evaluation/handling fee is required. This fee includes the cost of return shipping by UPS.

NB: Discontinued catalog number indicated by (d)

APH SMART Brailler by Perkins: 1-00820-00 ..... $200.00

Perkins/APH Brailler: 1-00800-00 (d) $200.00

The following products are NOT sent directly to APH for repair. Please contact Customer Service at 800-223-1839 or **cs@aph.org** for special instructions:

Orion Plus Talking Graphing TI-84 Calculator: (1-07340-00) $75.00

Orion TI-30XS Multiview Talking Scientific Calculator: (1-07330-00) $75.00

Orbit Reader 20: (1-07419-00) **purchased PRIOR to June 1, 2019** $80.00
(1-07419-00) **purchased AFTER June 1, 2019.** Contact Orbit Research directly at 1-800-606-7248 or **techsupport@orbitresearch.com**.

Contact the Manufacturer directly for **WARRANTY** and **OUT OF WARRANTY** repairs on the following products:

Braille Trail Reader (1-07421-00) ..... Humanware: 1-800-722-3393

MATT Connect (1-03941-00) ..... Humanware: 1-800-722-3393

Jupiter (1-00370-00) ..... Freedom Scientific: 727-803-8600

Sunu Band (1-03140-00) ..... Sunu: 877-747-9677

Video Mag HD (1-03914-00) ..... Freedom Scientific: 1-800-444-4443

Orbit Reader 20: (1-07419-00) **purchased AFTER June 1, 2019:** Contact Orbit Research directly: 1-800-606-7248 or **techsupport@orbitresearch.com**.

Products That are no Longer Repaired:

Handi-Cassette II	1-07085-00 (d)
Refreshabraille 18	1-07445-01 (d)
VisioBook	1-03913-00 (d)
Braille Plus 18	1-07466-00 (d)
Orion TI-36 Calculator	1-07335-01 (d)

Repair Warranty

There is a 90-day warranty for work performed by APH on repaired equipment. This warranty covers both labor and parts. As always, the warranty does not apply in cases of customer modification, misuse, or abuse of APH products. **Note:** Extended warranties do not cover replacement of electronic product accessories, including rechargeable batteries.

A

Abacuses 53, 63

Accessible

Magazines 175

Materials, Custom-made 173

Multiple Choice Answer Sheets 17

Textbooks 174

Adapted Science Materials Kit 66

Adapting Science for Students with VI 69

Addendum 1 to the Nemeth Code 168

Addition/Subtraction Table 56

Address Book, EZ Track 158

Adhesive, Sticky Dots 41

Advertisements

APH ConnectCenter 1

APH Press 6

Braille Trail Reader LE 5

Braille Tales 4

Code Jumper 7

Connect With Us Online! 199

Flip-Over FACES App 200

InSights Art Competition 187

Product Feedback 189

Social Media 199

All Aboard! 46

All-in-One Boards 91

Alphabet Card Folder 101

Alphabet Scramble 31

Aluminum Diagramming Foil 97

Analog Clock Model 64

AnimalWatch Vi Suite 49

Answer Sheets, Multiple Choice 17

Antique Ivory Opaque Paper 118

Armadillo Army 134

Art Competition and Exhibition 172

Art Instruction, Time for Art 76

Assessment ..... See Test

Audio Recording, Digital: Studio Recorder 170

B

Backpack, Transition Tote System 149

Ball

APH Sound 80

Kit, Sound Adapted Tangle 39

Rib-It 80

BANA Braille Transcription Codebooks 167–168

Baseball, Touch 'em All 161

Basic Science Tactile Graphics 69

Basic Tactile Anatomy Atlas 69

Beads,

Braille 77

Giant Textured 36

Beginner's

Abacus 63

Writing Paper 113

Best for a Nest, The 24

Big Cell 103

Binder
Floppy, Braille 120
Krebs', 19-Ring 119
Blog, APH 172
Board(s)
All Aboard! Magnetic/Dry Erase 46
All-in-One 91
Invisiboard 127
Magnetic/Dry Erase, Large 85
Shape 38
Tri-fold 127
Board games
Games of Squares 164
Scattered Crowns 161
TREKS 163
Web Chase 162
Boehm-3 13
Bold Line
Graph Sheets 118–119
Paper 116–117
Book
Port DT 146
Wizard 147
Boxes, Calendar, Expandable 96
Braillable Labels and Sheets 87
Braille
Alphabet/Numbers Card 151
Badges 147
Beads 77
Binders, Floppy 120
Clock Face Sheets 64
Code for Chemical Notation 168
Contraction(s)
Cards 44
Quick Check 101
DateBook 155
Dividers, 3-Hole Punch 114
Documents, Covers for 114
Envelopes for, Mailing 114
Instruction: Lots of Dots 42

Get Creative, Enter APH InSights!
APH InSights Annual Juried Art Competition and Exhibition

Each year APH sponsors a juried art competition and exhibition designed **exclusively for blind and visually impaired artists of all ages.** Works are chosen for exhibition at APH's Annual Meeting. Award winners are selected in each of nine categories.

Submissions to APH InSights may include sculpture, pottery, weaving, photographs, prints, paintings, mixed media, and collage.

To enter, contact the Special Programs Manager, insights@aph.org

APH has created a calendar featuring artwork from APH InSights, see page 171.

Meterstick 61
Notebooks 114, 119
Paper 115–116
Plastic Binder Envelope 120
Pocket Folders 120
Quick-Note, MiniBook 155
Reading Program: BOP 106–111
Slates, Styluses, Erasers 91–93
Student Readers, WRS 44–45
Student Starter Pack 93
Super-Sized Folders 120
Swing Cell Compact 103
Tales 4
Touch and Tell 104
Trail Reader LE 5
Transcriber's Kits 112
BrailleBlaster 144
BrailleBuzz 85
Braille/Large Print Rulers 60–61
Braille/Print Weekly Reader 104
Brailler, Visual 146
Braillewriters (Braillers) 113
Braillewriting Dot by Dot 93
Brannan Cubarithm
Slate and Cubes 59
Brigance 15–16
Bright Line Reading Guide 126
Bright Shapes Knob Puzzles 21
Budgeting, Money Handling and 157
Building on Patterns Series
(BOP) 106–111

C

Calculator, Orion TI-84 Plus
Talking Graphing 53
Calendar
APH InSights Art 171
Boxes, Expandable Kit 96
Classroom Kit 99
Everyday Activities 24
EZ Track 158
Individual Kit 99
Box Stabilizer 96
Card(s)
Chart Kit 99
Colored Shape 132
Drill, Math 59
Expanded Dolch Word 44
Score 161
Charger, 2 AMP USB 147
Checkbook, Adapted Practice 157
Child-guided Strategies 16
Clock
Analog Model 64
Face Sheets in Braille 64
Clothing Tape, Tactile 156
Codebooks, BANA 167–168
Code Jumper 7
Collegiate Boldline Spiral Notebook 116
Color Star 154
Color-by-Texture
Circus Coloring Pages 77
Marking Mats 77

Coloring the Garden, LOD 42
Colorino 156
Compass for Math/Art, Tactile 55
Constructo Set, Wooden 164
Consumable
  Hundreds Chart 56
  Number Lines 52
Counting
  1 2 3, LOD 42
  Method: Abacus 62
  Quick Pick 60
Countries and Continents:
Braille Transcriber's Kit 112
Covers for Braille Docs 114
Cranmer Abacus
  Hands-One Experience with the 62
  Using the 62
Crossings With No Traffic Control 136
Crossword 162
Custom Graphics:
Tactile Graphics Kit 97
CVI
  Book Builder 122
  Complexity Sequences 133
  Increasing Complexity Pegboard 124
  Information and Product List 9
  Invisiboard 127
  Match Sticks 126
  Swirly Mats 132–133
Cylinder Set, Sensory 38

DAISY book readers
  Book Wizard 147
  Book Port DT 146
Deafblind Pocket Communicator 154
Decision Making Guide 123
Denver, Guide Dog (video) 139
Desktop Stick-On Number Lines 52–53
Desk Top Reading Stand 102
Developmental Guidelines
  Infants with VI, Dev. Guide 24
  Impairments, Parent and Their 25

We'd like to know what YOU think as a user of APH products! What did you like about a product? What could be improved?

Submit product feedback using our handy online feedback form.

Your feedback will be passed on to the product developer or other appropriate APH staff members. We'll use YOUR opinions when we evaluate products.

Search for "feedback form" at **aph.org**.

Give us your two cents today!

Diagramming Kit: Picture Maker 141
Digital, Studio Recorder
Audio Recording, Studio Recorder ... 170
Light Box Artwork 132
Talking Book Cartridge 145
Dot by Dot, Braillewriting 93
DNA-RNA Kit 67
DNA Twist 67
DRAFTSMAN 97
Draw2Measure Protractor 50
Drill Cards, Math 59

Early Braille Tradebooks (EBT) 88–90
Earth Science Tactile Graphics 68
Easel, Portable Reading, GrandStand 102
Echolocation/FlashSonar 137
Effective Use of Objects 35
Embossed
Graph Sheets 118–119
Pencil Writing Paper 112
Emmy's Town, Toodle Tiles 134
English Measurement Rulers 61
ENVISION 125
Everybody Plays 80
Every Child Can, VIPS Video 41
Everyday Activities Calendar 24
Expandable Calendar Boxes 96
Expanded Beginner's Abacus 63
Expanded Dolch Word Cards, UEB ... 44
Experiential Learning 25
Explorer Bright Ray 124
EZ
Fill Liquid Sensor 157
Test Battery Tester 156
Track Products 158
EZeeCOUNT Abacus 53

Familiar Object Pictures 132
Feel 'n Peel Products 94–95
Financial Record Keeper, EZ Track ... 158
Fine Motor Dev. Materials 35
Fitness Kits 82
Flashlight Kit, Variable Beam 124
Flexible Rulers 61
Flip-Over
Concept Books 105
FACES App 200
Floppy Braille Binder 120
FOCUS in Mathematics 55
Foil, Aluminum Diagramming 97
Folders 120
FoldRite 78
Form Board Kit, Puzzle 37
Four Little Corners 23
Four Line 8-dot Slate 92
Fractional Parts of Wholes Set 58

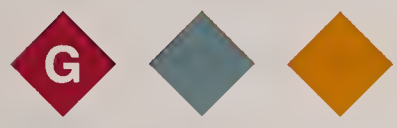
Functional

Activities/VI Preschoolers, HANDS ON 35

Skills Assessment 153

FVA (Functional Vision Assessment) Swirly Mats 132–133

FVLMA 15



Game

Kit 162

Quick Pick Series 60

Scattered Crowns 161

Six Little Dots Game of Cards 23

TREKS 163

Web Chase 162

Games for People with Sensory Impairment 80

Games of Squares 164

Genetic Code Large Print Braille 70

Geometric Forms 57

Geometro 54

Getting to Know You 150

Glasses, UltraLens 127

Giant Textured Beads 36

Globe, World 73

GlowDice 161

Going Places 81

GrandStand 102

Graph Sheets, All 118–119

Graphic(s)

Aid for Mathematics 58

Art Tape 96

Image Library, Tactile 174

Tactile, Geometry 57

Orion TI-84 Plus Talking Graphing Calculator 53

Gross Motor Development Curriculum 81

Handheld Magnifier, Video Mag HD 126

Hands-on Experience Cranmer Abacus (video) 62

HANDS ON: Functional Activities 35

Hatlen Center Guide, Quick & Easy ECC 149

Headphones, Stereo 147

Holder for Slate 92

How to Order and Related Information 177–185

Hundreds Chart, Consumable 56

Illinois Braille Series, UEB 167

Impressor, The 170

Individual Calendar Kit 99

Individual Study Screen 124

InSights Art Calendar 171

IntelliTactiles Pre-Braille Concepts 98

Interactive U.S. Map 74
Intervention Continuum 11
Invisiboard 127

J

JAWS and ZoomText 145
Joy Player, The 34
Jumbo Work/Play Tray 39
Jump Rope to Fitness Kit 82
Jupiter Portable Magnifier 144

K

Keitzer Check Writing Guide 154
Krebs' Binder 119

L

Labeling, Marking,
and Organization 159
Labels and Sheets, Braillable 87
Laptime and Lullabies 20
Learning
My ABC's, LOD 42
Nemeth Braille Code, The 168
Learn Keys: Verbal
Keyboard Feedback 101
Letter Folding Tool: FoldRite 78
Life Science Tactile Graphics 69
Light Boxes 129
Light In-Sight 67
Lighting Guide Kit 131
Line Paths:
Flip-Over Concept Books 105
Line Slate, Tactile Graphic 93
Liquid Sensor, EZ Fill 157
Literacy, On the Way 26-29
Lots of Dots (LOD) Series 42
Low Vision Simulators 123
Loving Me 169

M

Magazines
SQUID Tactile Activities 164
Subscriptions,
accessible editions 175
MagneTachers Magnetic Labels 159
Magnifier,
Jupiter Portable 144
Video Mag HD, handheld 126
Mailing Envelopes for Braille 114
Map(s) 73–74, 112
Marking Mat(s)
Tactile 111
Color-by-Texture 77
Materials, custom-made 173
Mats, Swirly 132–133
Match Sticks 126
Match-It-Up Frames 85
Matching Blocks, Textured 36
Materials
Carry-All 170
Light Box 130

MathBuilders Kits 52
Math(ematics)
Braille Transcriber's Kit 112
Drill Cards 59
Flash 50, 143
Graphic Aid for 58
Kit, FOCUS in 55
Nemeth Code Reference Sheet 59
Quick Pick 60
Robot 48
Tutorial, UEB 51
MATT Connect 143
Medical Record Keeper, EZ Track 158
Meterstick 61
Metric-English Measurement Ruler 61
Miniguide US 138
MiniBook Braille Quick-Note Products 155
Mini-Lite Box 129
Mini-Lite Box Overlays 128
Money Handling and Budgeting 157
Money Talks Software 157
Moving Ahead Series 32
Multiple-Choice Answer Sheets 17
Multiple Disabilities Products 11
Multiplication/Division Table 56
Museum, APH 173

N

National Geographic Atlas 73
Nearby Explorer 137–138
Nemeth Code
for Mathematics and Science Notation 168
Ref. Sheet for Basic Math 59
Nemeth Tutorial 51
Newsweek Subscription 175
NewT Kit 14
Notebook(s) 114, 116, 119–120
Number Lines 52–53

O

Objects, Effective Use of, ... 35
O&M
Crossings With No Traffic Control 136
Family Booklet Software 139
Miniguide US 138
Picture Maker 141
Portable Sound Source 81
Quick-Draw Paper 98
Step-by-Step 140
Sunu Band 152
Tactile Graphics 139
Tactile Town 137
Trivia 139
Wheelchair Users w/VI, for 140
One-Foot Braille Rulers 61
On the Way to Literacy (OTWL) Series 26–30
Orbit Reader 20 146
Ordering and Related Info. 177–185

Organizers
Braille DateBook 155
EZ Track Products 158
Orion TI-84 Plus Talking Graphing Calculator 53
Outline Maps of the U.S. 74

Padlock, Push Button 159
Paint by Number Safari
Tropical Rainforest 76
Under the Sea 76
Paint Pot Palette 77
Paper 97–98, 112–113, 115–119
Parents and Their Infants w/Visual Impairments (PAIVI) 25
Parenting With a VI 25
Parquetry Set, Seated 126
Parts of a Whole: Flip-Over Concept Books 105
Parts of Wholes Set, Fractional 58
PATTER: Preschool Attainment Through Typical Everyday Routines 25
Peg(s)
Kit 37
Pegboard, and 131
Slate 93
Textured 36
Periodic Table 70
Perkins Braillers 113
Picture Maker 141
Place Value Setter 48
Plexiglas
Blocks/Spinner 131
Spinner and Spinner Patterns 131
PermaBraille 116
Pocket-Size Notebook 119
Pop-A-Cell 103
Portable Sound Source 81
Pouring Aid, EZ Fill 157
Practice2Master Fractions 49
Preschoolers, HANDS ON: Functional Activities 35
President's Message 2
Prevocational Skills Development Materials 78
Protein Synthesis Kit 66
Protractors 58
Pumpkin Puzzles 31
Push Button Padlock 159
Puzzle(s)
Bright Shapes Knob 21
Crossword 162
Form Board Kit 37
Map, U.S. 74
Slide, Twist 'N Solve 163
SQUID Tactile 164
Tactile Tangrams 50
Talking Word 163
Word Quest 162

Quick

Check 101

Draw Paper 98

Quick & Easy ECC:

Hatlen Center Guide 149

Icon Poster 148

Quick Pick Series 60

Reach & Match 21

Reach for the Stars 24

ReadWrite Stands 102

Reader's Digest Subscription 175

Reading

Guide, Bright Line 126

Stands 102–103

Reclaiming Independence (video) 155

Recording Device, APH SoundPage 30

Reflection & Refraction Kit, Light In-Sight 67

Refreshable Braille Display, Braille Trail Reader LE 7

Returns Policy 183

Rib-It Balls 80

Rigby, EBT 88–90

Robot, Math 48

Rolling Into Place 41

Rolling Right Along Construction Kit 41

Rulers 60–61

SAM: Symbols and Meaning 95

Scattered Crowns: Tactile Attribute Game 161

Science

Adapting, for Students with Visual Impairments 69

Basic, Tactile Graphics 69

Materials Kit, Adapted 66

Tactile Graphics, Life 69

Score Card Set 161

Screen, Individual Study 124

Seated Parquetry Set 126

See Like Me: Low Vision Simulators 123

Select Switch 34

Self-Esteem and Adjusting with Blindness 169

Sense of Science Series 71

Sensory

Cylinder Set 38

Impairments, Product List 11

Learning Kit (SLK) 34

Services from APH 172–176

Setting the Stage 104

Shape Board 38

Shipping Methods 179–180

Signature Guide, APH 159

Six Little Dots 23

Skeleton, Touch, Label, and Learn 70

SlateHolder 92

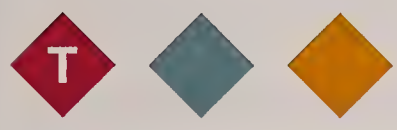
Slates/Styluses/Erasers 91–93
Slate and Cubes, Brannan Cubarithm 59
Slide, Twist, 'N Solve Tactile Brain Teaser 163
Small, Medium, & Large Circles Sets 38
SMART Brailler 113
Social Media, APH 172, 199
Software
- Armadillo Army 134
- Book Wizard 147
- BrailleBlaster 144
- JAWS and ZoomText 145
- Learn Keys 101
- Math Flash 50
- Money Talks 157
- O&M Family Booklet 139
- Ordering 181–182
- Studio Recorder 170
- Talking Typer 100
- Talking Word Puzzles 163
- Teacher's Pet 16
- Termite Torpedo 134
- Toodle Tiles 134

Sorting Circles/Shapes, Textured 55
Sound
- Adapted Tangle Ball Kit 39
- Balls, APH 80
- Matching Boards 37
- Source 81

SoundPage, APH 30
Snap Circuits Jr Access 143
Spangle Tangle 39
Spanish Products List 176
Spinner Overlays for the Light Box 128
Spiral Pocket Notebook 120
SQUID Tactile Activities Magazines 164
StackUps 56
STACS 96
Stands, Reading 102–103
State Maps Collection 74
Step-by-Step: An Interactive Guide to Mobility Techniques 140
Stereo Headphones 147
Sticky Dots Adhesive 41
Storybook(s)
- Alphabet Scramble 31
- Bear Hunt 22
- Best for a Nest, The 24
- Early Braille Tradebooks 88–90
- Everybody Plays! 80
- Four Little Corners 23
- Holy Moly 21
- Moving Ahead Series 32
- On the Way to Literacy Series 26–30
- Rolling Into Place 41
- Six Little Dots 23

Student Starter Pack 93
Student Workbook Kit for Geometro 54
Studio Recorder 170
Study Screen, Individual 124
Styluses, All 92
Sunu Band 152

Super-Sized Folders 120
Swail Dot Inverter 98
Swing Cell Compact 103
Swirly Mat Sets 132–133



Tactile
- Algebra Tiles 49
- Anatomy Atlas, Basic 69
- Attribute Game Scattered Crowns 161
- Book Builder Kit 86
- Brain Teaser, Slide, Twist, 'N Solve 163
- Compass for Math/Art 55
- Connections 95
- Demonstration Thermometer 67
- Drawing Board, DRAFTSMAN 97
- Editing Marks Kit 46
- Feel 'n Peel 94–95
- Game: Web Chase 162
- Instruction: Setting the Stage 104
- Marking Mat 111
- Punnett Squares 70
- Protractors, and Large Print 58
- Tangrams 50
- Town: 3-D O&M Kit 137
- Treasures 35
- World Globe 73
- World Maps 73

Tactile Graphic(s)
- Basic Science 69
- Image Library (TGIL) 174
- Kit 97
- Kit, Geometry 57
- Life Science 69
- Line Slate 93
- O&M 139

TADPOLE Kit 14
ToAD Kit 14

Talking
- Book Cartridge, Digital 145
- Calculator 53
- Color Identifier, Colorino 156
- Cooking Thermometer 157
- GlowDice 161
- Software, Math Flash 50
- Time Machine, Zeitgeist 156
- Typer 100
- Word Puzzles 163

Tangle
- Ball Kit, Sound Adapted 39
- Toy 39

Tape
- Graphic Art 96
- Tactile Clothing 156

Teach Me to See (video) 125
Teacher's Pet 16

Teaching
- the Student with a Visual Impairment (TSVI) 169
- Street Crossing to Students w/Vi 136
- Touch 104

Teen Scene (video) 125

Tennis Kit, 30-Love 82
Termite Torpedo 134
Texture: Flip-Over Concept Books 105
Textures
  Beads, Giant 36
  Matching Blocks 36
  Paper Collection 97
  Pegs 36
  Shapes, Geometric 141
  Sorting Circles/Shapes 55
  Strips 141
Thermometer
  Tactile Demonstration 67
  Talking Cooking 157
Time for Art 76
ToAD Kit 14
Toodle Tiles 134
Toss-Away Rulers 60
Touch and Tell 104
Touch 'em All Baseball 161
Touch, Label and Learn 70
Tours of APH 173
Toy, Tangle 39
Transcription, Braille,
Code Books, BANA 167–168
Transition Tote System 149
Transparent CCTV Rulers 61
Travel Device, Miniguide US 138
Trays 39–40
TREKS 163
Tri-fold Board 127
Twist, Turn, & Learn 35

U

UEB Math Tutorial 51
UltraLens 127
USB Charger, 2 AMP 147
Using the Cranmer Abacus 62
U.S. & Canada Atlas 74
U.S. Puzzle Map 74

V

Variable Beam Flashlight 124
Venn Diagram Template Kit 57
Video Mag HD 126
Video List 165
VIPS@Home Program 33
VIPS Video Library Series 40–41
Visual Brailler app 146

W

Walk/Run for Fitness Kit 82
Warranty/Repairs 184–185
Web Chase 162
Weekly Reader,
Print/Braille Edition 104
What is IT? Kit 21
Wheatley Tactile Diagramming Kit:
Picture Maker 141

Wilson Reading System (WRS) 44
Woodcock-Johnson (WJ IV) 104
Wooden Jr. Constructo Set 164
Word
  Associations, Tactile 99
  Cards, Expanded Dolch 44
  PlayHouse 44
  Quest Puzzles 162
Work-Play Trays 39–40
World at Your Fingers 73
World
  Globe, Tactile 73
  Maps, Tactile 73

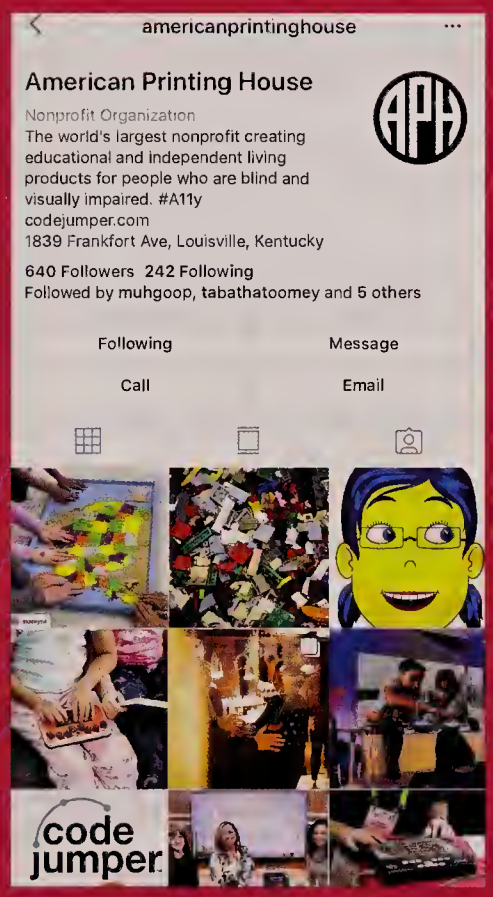
Y

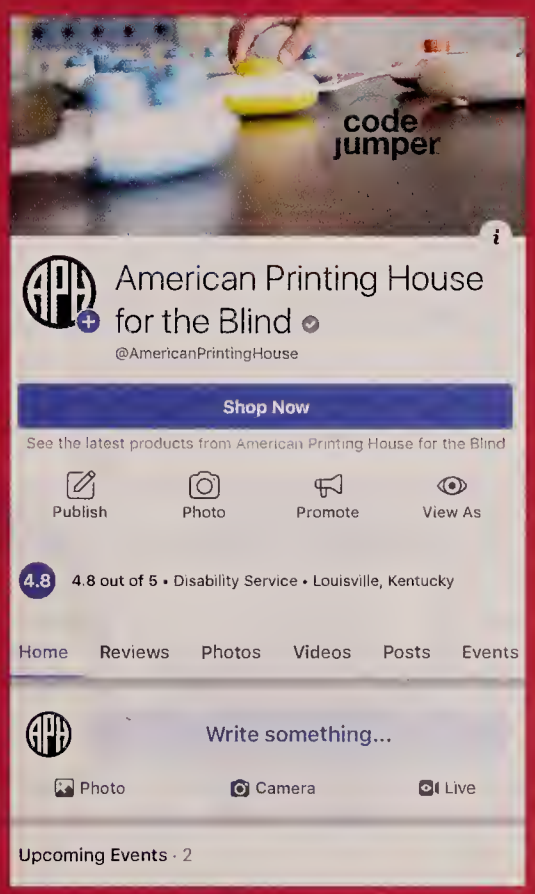
Yardstick, LP/Braille 61
Young Children
  Fine Motor Development Materials 35
  Literacy, On the Way to 26–30
  Tactile Treasures 35

Z

Zeitgeist Talking Time Machine 156
ZoomText, JAWS and 145

Connect With Us Online!





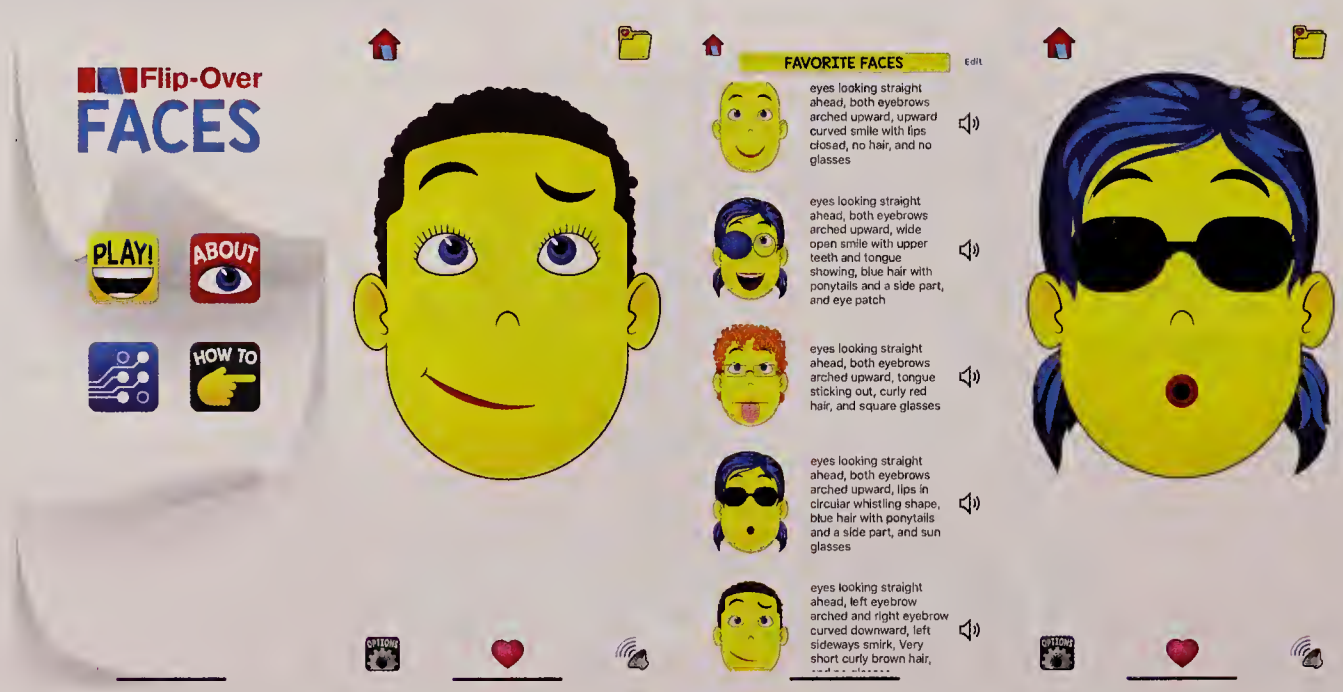
Flip-Over FACES

Flip-Over FACES App allows a child to casually explore facial expressions within a fun and versatile context. Hundreds of facial expressions can be generated by changing the eyebrow position, eye direction, and mouth type. Multiple hairstyle and eyewear options are available to add interest or visual complexity.

This FREE, interactive app is specially designed for students with low vision and a cognitive level of 5 years of age or older. Students with additional disabilities, such as autism and language delays, may also benefit from this app. Sighted students and adults are invited to enjoy the app as well.

Features

- Available for iOS® devices (Android™ app anticipated by fall 2019)
- High contrast colors of various facial features and accessories
- Sections of the displayed face can be swiped with one, two, or three fingers to change eyebrow position (top section), eye direction (middle section), and mouth shape (bottom section)
- Various hairstyle and eye accessory options are available
- An audio description of the displayed face can be activated
- The background color toggles between black and white depending on ideal visual contrast for the student and personal preference
- Favorite faces (limit of 20 at a time) can be saved in a personal folder for later retrieval and sharing with friends
- Easy-to-access how-to instructions, with or without VoiceOver/TalkBack are available



Download the Flip-Over FACES App at: **https://itunes.apple.com/us/app/flip-over-faces/id1303703530.**

Federal Quota Funds Could Help Purchase APH Materials For Your Students

The federal Act to Promote the Education of the Blind provides funds for accessible educational materials for eligible students who meet the definition of blindness. An annual registration of eligible students determines a per capita amount of money specifically designated for the purchase of educational materials produced by the American Printing House for the Blind (APH). **These funds are credited to Federal Quota accounts** maintained and administered by APH and its Ex Officio Trustees throughout the United States and Outlying Areas.

Who is Eligible?

While there is **no chronological age limit for eligibility, for students to be eligible to participate in the Federal Quota Program, they MUST fulfill the following requirements:**

- **Meet the definition of blindness (MDB)** — a central visual acuity of 20/200 or less (using a Snellen chart or an acuity determined in Snellen equivalents) in the better eye with the best correction or a peripheral field of vision no greater than 20 degrees or **function at the definition of blindness (FDB)**—when visual function meets the definition of blindness as determined by an eye care specialist (ophthalmologist or optometrist) or other medical doctor such as a neurologist. Students in this category manifest unique visual characteristics often found in conditions referred to as neurological, cortical, or cerebral visual impairment (e.g., brain injury or dysfunction).
- Be enrolled in a formally organized public or private, nonprofit educational program of less than college level. (Adult students previously enrolled in college level programs, however, ARE eligible.)
- Infants, preschool, and school-aged students must be enrolled with the registering school or agency on the first Monday in January.
- Adult students must be registered for at least 12 weeks for a minimum of 20 hours per week of documented instruction of less than college level, during the preceding calendar year (twelve weeks do not have to be consecutive). Social and leisure programs do not qualify as instruction; however, student practice to develop skills can be included in instructional hours.
- As of the 2018 census, each infant, preschool, or school-aged student must have a signed parent permission form to be registered in the Federal Quota Program, as well as adults with a guardian.

Who are the Ex Officio Trustees?

For each residential school for the blind, state department of education, or agency for the blind that participates in the Federal Quota Program, an Ex Officio Trustee of the American Printing House for the Blind must be designated. Each Ex Officio Trustee is entrusted with the administration of the Federal Quota Program within his or her system.

Want More Information?

For more information about the Federal Quota program, visit **aph.org/federal-quota** or call **1-800-223-1839, ext. 257**. On our website, you can find contact information for the Ex Officio Trustees in your state. These Trustees can give you the specific information about whether your student may qualify for APH materials purchased with Federal Quota funds.

AMERICAN PRINTING HOUSE

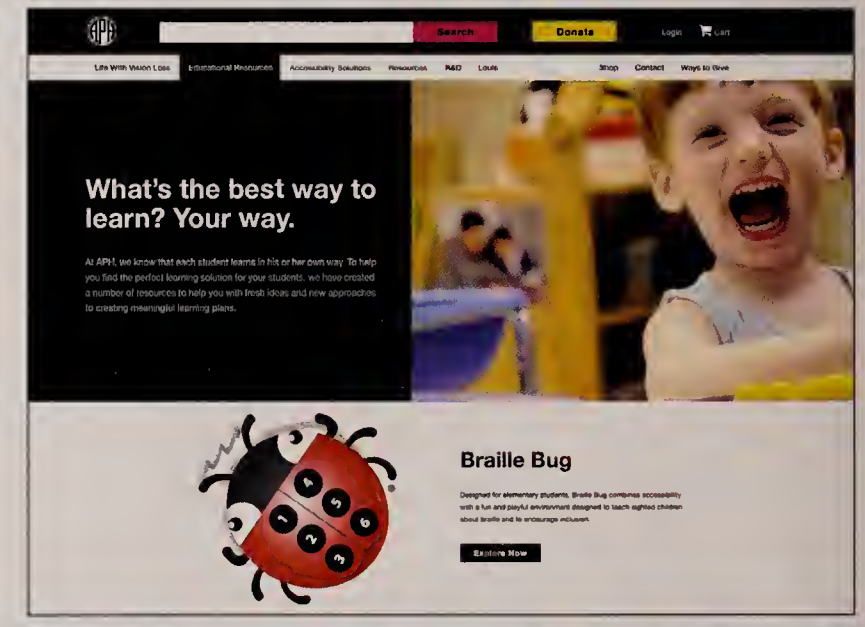
1839 Frankfort Avenue
Louisville, KY 40206-3152

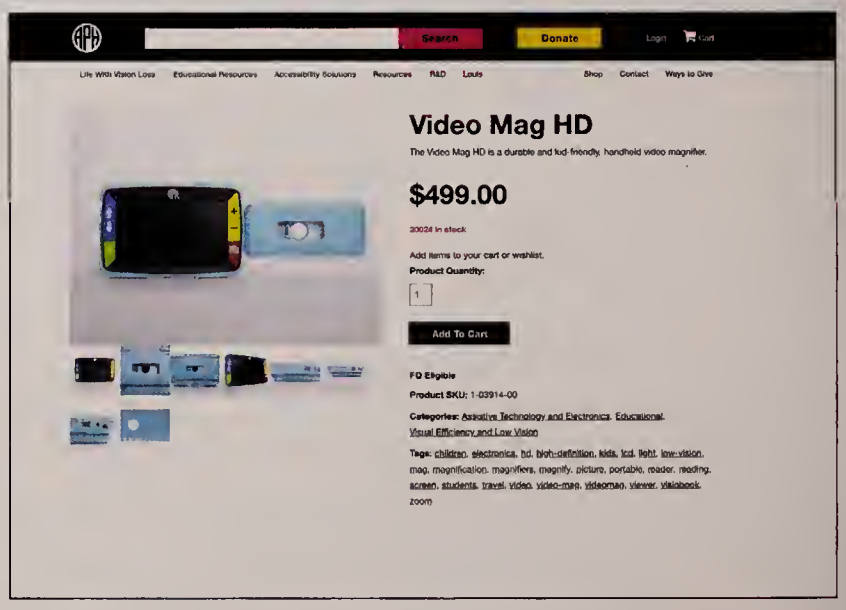
Prefer not to receive catalogs in the future? It's easy to opt out. Send an email to **catalogs@aph.org**.

Our New Website!

Take a new look at an old friend!

Have you seen the new **aph.org** website? Not only is our new site accessible, but it has also been streamlined and reorganized so the information you are looking for is easier to find. Our product pages have also been expanded to include detailed descriptions and photos, specification information, and much more.





aph.org